

TEST REPORT

Report Number: 15496249-E29V3

Applicant : APPLE, INC
1 APPLE PARK WAY
CUPERTINO, CA 95014, U.S.A.

Model : A3257

Brand : APPLE

FCC ID : BCG-E8950A

IC : 579C-E8950A

EUT Description : SMARTPHONE

Test Standard(s) : FCC 47 CFR PART 2, PART 27
ISED RSS-GEN ISSUE 5 + A1 + A2, RSS-199 ISSUE 4

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Revision History

Rev.	Issue Date	Revisions	Revised By
V1	2025-08-01	Initial Review	--
V2	2025-08-11	TCB Questions at Section 6.4, 10.1.2, and 10.1.6 are addressed.	Mengistu Mekuria
V3	2025-08-21	Updated section 6	Eric Ting

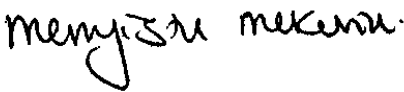
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1. ATTESTATION OF TEST RESULTS

Applicant Name and Address	APPLE, INC 1 APPLE PARK WAY CUPERTINO, CA 95014, U.S.A.	
Model	A3257	
Brand	APPLE	
FCC ID	BCG-E8950A	
IC	579C-E8950A	
EUT Description	SMARTPHONE	
Serial Number	RADIATED: HM7J7JQX6J, LFJJGD2VPV. CONDUCTED: HVHHH5000AY000122J, HVHHH50002D0000YE7	
Sample Receipt Date	2025-02-28	
Date Tested	2025-03-31 to 2025-08-01	
Applicable Standards	FCC 47 CFR PART 2, PART 27 ISED RSS-GEN ISSUE 5 + A1 + A2, RSS-199 ISSUE 4	
Test Results	COMPLIES	
UL Verification Services Inc. tested the above equipment in accordance with the requirements set forth in the above standards. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report. The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. It is the manufacturer's responsibility to assure that additional production units of this model are manufactured with identical electrical and mechanical components. All samples tested were in good operating condition throughout the entire test program. Measurement Uncertainties are published for informational purposes only and were not taken into account unless noted otherwise. This document may not be altered or revised in any way unless done so by UL Verification Services Inc. and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL Verification Services Inc. will constitute fraud and shall nullify the document.		
Approved & Released By:	Reviewed By:	Prepared By:
		
Mengistu Mekuria Staff Laboratory Engineer UL Verification Services Inc.	Eric Ting Senior Test Engineer UL Verification Services Inc.	Chris He Laboratory Engineer Associate UL Verification Services Inc.

2. SUMMARY OF TEST RESULTS

This report contains data provided by the customer which can impact the validity of results. UL Verification Services Inc. is only responsible for correctly integrating customer-provided data with measurements performed by UL Verification Services Inc.

Below is a list of the data provided by the customer:

1. Antenna gain and type (see section 6.4.)

Requirement Description	Requirement Clause Number (FCC)	Requirement Clause Number (ISED)	Result	Remarks
Equivalent Isotropic Radiated Power	27.50 (h) (2)	RSS199§5.5	Complies	
Occupied Bandwidth	2.1049	RSS-GEN§6.7 RSS199§5.4	Complies	
Band Edge and Emission Mask	2.1051, 27.53 (m)(4) & (m) (6)	RSS199§5.6	Complies	
Out of Band Emissions	2.1051, 27.53 (m)(4) & (m) (6)	RSS199§5.6	Complies	
Frequency Stability	2.1055, 27.54	RSS199§5.4	Complies	
Peak-to-Average Ratio	-	RSS199§5.5	Complies	
Field Strength of Spurious Radiation	2.1053, 27.53 (m)(4) & (m) (6)	RSS199§5.6	Complies	

3. TEST METHODOLOGY

The tests documented in this report were performed in accordance with the following:

ANSI C63.26:2015 The tests documented in this report were performed in accordance with the following.

FCC published lists of [measurement procedures](#) for compliance testing.

ISED published lists of [normative test standards and acceptable alternatives procedures](#).

- ANSI C63.26:2015
- ANSI/TIA-603-E (2016)
- FCC 47 CFR Part 2, Part 27
- [FCC KDB 971168 D01](#): Power Meas License Digital Systems (ISED acceptable alternative procedure)
- [FCC KDB 971168 D02](#): Misc Rev Approv License Devices
- [FCC KDB 412172 D01](#): Determining ERP and EIRP
- [FCC KDB 662911 D01](#): Multiple Transmitter Output
- ISED RSS-Gen Issue 5 + A1 + A2, RSS-199 Issue 4.

4. FACILITIES AND ACCREDITATION

UL Verification Services Inc. is accredited by A2LA, certification #0751.05, for all testing performed within the scope of this report. Testing was performed at the locations noted below.

	Address	ISED CABID	ISED Company Number	FCC Registration
☐	Building 1: 47173 Benicia Street, Fremont, CA 94538, USA	US0104	2324A	550739
☐	Building 2: 47266 Benicia Street, Fremont, CA 94538, USA			
☒	Building 3: 843 Auburn Court, Fremont, CA 94538, USA			
☒	Building 4: 47658 Kato Rd, Fremont, CA 94538, USA			
☒	Building 5: 47670 Kato Rd, Fremont, CA 94538, USA			

5. DECISION RULES AND MEASUREMENT UNCERTAINTY

5.1. METROLOGICAL TRACEABILITY

All test and measuring equipment utilized to perform the tests documented in this report are calibrated on a regular basis, with a maximum time between calibrations of one year or the manufacturers' recommendation, whichever is less, and where applicable is traceable to recognized national standards.

5.2. DECISION RULES

The Decision Rule is based on Simple Acceptance in accordance with ISO Guide 98-4:2012 Clause 8.2. (Measurement uncertainty is not taken into account when stating conformity with a specified requirement.)

5.3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

PARAMETER	U _{Lab}
Conducted Antenna Port Emission Measurement	1.940 dB
Power Spectral Density	2.466 dB
Time Domain Measurements Using SA	3.39 %
RF Power Measurement Direct Method Using Power Meter	0.450 dB Ave. 1.300 dB Peak
Radio Frequency (Spectrum Analyzer)	141.16 Hz
Occupied Bandwidth	1.22%
Worst Case Conducted Disturbance, 9KHz to 0.15 MHz	3.78 dB
Worst Case Conducted Disturbance, 0.15 to 30 MHz	3.40 dB
Worst Case Radiated Disturbance, 9KHz to 30 MHz	2.87 dB
Worst Case Radiated Disturbance, 30 to 1000 MHz	6.01 dB
Worst Case Radiated Disturbance, 1000 to 18000 MHz	4.73 dB
Worst Case Radiated Disturbance, 18000 to 26000 MHz	4.51 dB
Worst Case Radiated Disturbance, 26000 to 40000 MHz	5.29 dB

Uncertainty figures are valid to a confidence level of 95%.

5.4. SAMPLE CALCULATION

RADIATED EMISSIONS

Where relevant, the following sample calculation is provided:

Field Strength (dBuV/m) = Measured Voltage (dBuV) + Antenna Factor (dB/m) + Cable Loss (dB) – Preamp Gain (dB)
36.5 dBuV + 18.7 dB/m + 0.6 dB – 26.9 dB = 28.9 dBuV/m

6. EQUIPMENT UNDER TEST

6.1. DESCRIPTION OF EUT

The Apple iPhone is a smartphone with cellular GSM, GPRS, EGPRS, WCDMA, LTE, 5G NR1, 5G NR2, IEEE 802.11a/b/g/n/ac/ax/be, Bluetooth (BT), Ultra-Wideband (UWB), Global Positioning System (GPS), Near-Field Communication (NFC), Narrow-Band (NB) UNII, 802.15.4, 802.15.4ab-Narrow Band (NB), Wireless Power Transfer (WPT) and Mobile Satellite Service (MSS) technologies. The rechargeable battery is not user accessible. This device is not user-serviceable and requires special tools to disassemble.

6.2. MAXIMUM OUTPUT POWER

EIRP/ERP TEST PROCEDURE

ANSI C63.26:2015
KDB 971168 D01 Section 5.6

$$\text{ERP/EIRP} = \text{PMeas} + \text{GT} - \text{LC}$$

where: ERP/EIRP = effective or equivalent radiated power, respectively (expressed in the same units as PMeas, typically dBW or dBm);

PMeas = measured transmitter output power or PSD, in dBm or dBW;

GT = gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP);

LC = signal attenuation in the connecting cable between the transmitter and antenna, in dB.

For devices utilizing multiple antennas, KDB 662911 provides guidance for determining the effective array transmit antenna gain term to be used in the above equation.

EUT includes different power levels for head use configuration and body use configuration and the below tables contain the highest of all configurations average conducted and ERP/EIRP output powers as follows:

LTE BAND 7

Part 27 / RSS 199									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (Ant 2)		0.10							
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Emission Designator
5.0	QPSK	2502.5	2567.5	25.70	25.80	0.380	4.487	4487	4M49G7W
	16QAM			24.60	24.70	0.295	4.483	4483	4M48D7W
10.0	QPSK	2505.0	2565.0	25.70	25.80	0.380	9.002	9002	9M00G7W
	16QAM			24.69	24.79	0.301	8.987	8987	8M99D7W
15.0	QPSK	2507.5	2562.5	25.70	25.80	0.380	13.472	13472	13M5G7W
	16QAM			24.65	24.75	0.299	13.450	13450	13M5D7W
20.0	QPSK	2510.0	2560.0	25.70	25.80	0.380	17.926	17926	17M9G7W
	16QAM			24.69	24.79	0.301	17.918	17918	17M9D7W

5G NR n7

Part 27/ RSS199									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (Ant 2)		0.10							
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Emission Designator
5.0	BPSK	2502.5	2567.5	25.70	25.80	0.380	4.493	4493	4M49G7W
	QPSK			25.69	25.79	0.379	4.488	4488	4M49G7W
	16QAM			24.67	24.77	0.300	4.493	4493	4M49D7W
10.0	BPSK	2505.0	2565.0	25.70	25.80	0.380	8.967	8967	8M97G7W
	QPSK			25.69	25.79	0.379	8.953	8953	8M95G7W
	16QAM			24.64	24.74	0.298	8.932	8932	8M93D7W
15.0	BPSK	2507.5	2562.5	25.70	25.80	0.380	13.448	13448	13M4G7W
	QPSK			25.63	25.73	0.374	13.448	13448	13M4G7W
	16QAM			24.62	24.72	0.296	13.435	13435	13M4D7W
20.0	BPSK	2510.0	2560.0	25.70	25.80	0.380	17.929	17929	17M9G7W
	QPSK			25.65	25.75	0.376	17.894	17894	17M9G7W
	16QAM			24.62	24.72	0.296	17.894	17894	17M9D7W
25.0	BPSK	2512.5	2557.5	25.70	25.80	0.380	22.924	22924	22M9G7W
	QPSK			25.65	25.75	0.376	22.958	22958	23M0G7W
	16QAM			24.62	24.72	0.296	22.904	22904	22M9D7W
30.0	BPSK	2515.0	2555.0	25.70	25.80	0.380	28.649	28649	28M6G7W
	QPSK			25.65	25.75	0.376	28.605	28605	28M6G7W
	16QAM			24.57	24.67	0.293	28.651	28651	28M7D7W
35.0	BPSK	2517.5	2552.5	25.70	25.80	0.380	32.222	32222	32M2G7W
	QPSK			25.62	25.72	0.373	32.146	32146	32M1G7W
	16QAM			24.53	24.63	0.290	32.124	32124	32M1D7W
40.0	BPSK	2520.0	2550.0	25.70	25.80	0.380	38.614	38614	38M6G7W
	QPSK			25.65	25.75	0.376	38.627	38627	38M6G7W
	16QAM			24.63	24.73	0.297	38.597	38597	38M6D7W
50.0	BPSK	2525.0	2545.0	25.70	25.80	0.380	48.158	48158	48M2G7W
	QPSK			25.65	25.75	0.376	48.194	48194	48M2G7W
	16QAM			24.59	24.69	0.294	48.146	48146	48M1D7W

ULCA LTE BAND 7

Part 27 / RSS 199									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (Ant 2)		0.10							
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Emission Designator
10+20	QPSK	2505.5	2560.0	25.70	25.80	0.380	27.830	27830	27M8G7W
	16QAM			24.65	24.75	0.299	27.878	27878	27M9D7W
20+10	QPSK	2510.0	2564.5	25.70	25.80	0.380	27.852	27852	27M9G7W
	16QAM			24.61	24.71	0.296	27.859	27859	27M9D7W
15+15	QPSK	2507.5	2562.5	25.70	25.80	0.380	28.443	28443	28M4G7W
	16QAM			24.63	24.73	0.297	28.454	28454	28M5D7W
15+20	QPSK	2507.8	2560.0	25.70	25.80	0.380	32.719	32719	32M7G7W
	16QAM			24.67	24.77	0.300	32.753	32753	32M8D7W
20+15	QPSK	2510.0	2562.2	25.70	25.80	0.380	32.821	32821	32M8G7W
	16QAM			24.70	24.80	0.302	32.750	32750	32M8D7W
20+20	QPSK	2510.0	2560.0	25.70	25.80	0.380	37.815	37815	37M8G7W
	16QAM			24.65	24.75	0.299	37.713	37713	37M7D7W

LTE BAND 41 (FCC)

Part 27									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (Ant 2)		-0.60							
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Emission Designator
5.0	QPSK	2498.5	2687.5	28.70	28.10	0.646	4.502	4502	4M50G7W
	16QAM			27.62	27.02	0.504	4.498	4498	4M50D7W
10.0	QPSK	2501.0	2685.0	28.70	28.10	0.646	8.960	8960	8M96G7W
	16QAM			27.65	27.05	0.507	8.969	8969	8M97D7W
15.0	QPSK	2503.5	2682.5	28.70	28.10	0.646	13.442	13442	13M4G7W
	16QAM			27.65	27.05	0.507	13.469	13469	13M5D7W
20.0	QPSK	2506.0	2680.0	28.70	28.10	0.646	17.950	17950	18M0G7W
	16QAM			27.60	27.00	0.501	17.945	17945	17M9D7W

5G NR n41 (FCC SISO)

Part 27									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (Ant 2)		-0.60							
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Emission Designator
10.0	BPSK	2501.0	2685.0	28.70	28.10	0.646	8.634	8634	8M63G7W
	QPSK			28.69	28.09	0.644	8.624	8624	8M62G7W
	16QAM			27.65	27.05	0.507	8.626	8626	8M63D7W
15.0	BPSK	2503.5	2682.5	28.70	28.10	0.646	12.917	12917	12M9G7W
	QPSK			28.69	28.09	0.644	12.898	12898	12M9G7W
	16QAM			27.92	27.32	0.540	12.924	12924	12M9D7W
20.0	BPSK	2506.0	2680.0	28.70	28.10	0.646	17.894	17894	17M9G7W
	QPSK			28.69	28.09	0.644	17.938	17938	17M9G7W
	16QAM			27.92	27.32	0.540	17.871	17871	17M9D7W
25.0	BPSK	2508.5	2677.5	28.70	28.10	0.646	22.996	22996	23M0G7W
	QPSK			28.69	28.09	0.644	23.014	23014	23M0G7W
	16QAM			27.90	27.30	0.537	23.014	23014	23M0D7W
30.0	BPSK	2511.0	2675.0	28.70	28.10	0.646	27.010	27010	27M0G7W
	QPSK			28.69	28.09	0.644	26.931	26931	26M9G7W
	16QAM			27.92	27.32	0.540	26.937	26937	26M9D7W
35.0	BPSK	2513.5	2672.5	28.70	28.10	0.646	32.301	32301	32M3G7W
	QPSK			28.69	28.09	0.644	32.249	32249	32M2G7W
	16QAM			27.88	27.28	0.535	32.194	32194	32M2D7W
40.0	BPSK	2516.0	2670.0	28.70	28.10	0.646	35.923	35923	35M9G7W
	QPSK			28.69	28.09	0.644	35.767	35767	35M8G7W
	16QAM			27.94	27.34	0.542	35.668	35668	35M7D7W
45.0	BPSK	2518.5	2667.5	28.70	28.10	0.646	38.872	38872	38M9G7W
	QPSK			28.69	28.09	0.644	38.657	38657	38M7G7W
	16QAM			27.94	27.34	0.542	38.811	38811	38M8D7W
50.0	BPSK	2521.0	2665.0	28.70	28.10	0.646	46.035	46035	46M0G7W
	QPSK			28.69	28.09	0.644	45.773	45773	45M8G7W
	16QAM			27.83	27.23	0.528	45.725	45725	45M7D7W
60.0	BPSK	2526.0	2660.0	28.70	28.10	0.646	58.109	58109	58M1G7W
	QPSK			28.69	28.09	0.644	58.109	58109	58M1G7W
	16QAM			27.90	27.30	0.537	57.919	57919	57M9D7W
70.0	BPSK	2531.0	2655.0	28.70	28.10	0.646	64.693	64693	64M7G7W
	QPSK			28.69	28.09	0.644	64.715	64715	64M7G7W
	16QAM			27.95	27.35	0.543	64.566	64566	64M6D7W
80.0	BPSK	2536.0	2650.0	28.70	28.10	0.646	77.277	77277	77M3G7W
	QPSK			28.69	28.09	0.644	77.452	77452	77M5G7W
	16QAM			27.92	27.32	0.540	77.430	77430	77M4D7W
90.0	BPSK	2541.0	2645.0	28.70	28.10	0.646	86.908	86908	86M9G7W
	QPSK			28.69	28.09	0.644	87.116	87116	87M1G7W
	16QAM			27.95	27.35	0.543	86.982	86982	87M0D7W
100.0	BPSK	2546.0	2640.0	28.70	28.10	0.646	96.758	96758	96M8G7W
	QPSK			28.69	28.09	0.644	96.825	96825	96M8G7W
	16QAM			27.91	27.31	0.538	96.804	96804	96M8D7W

5G NR n41 (FCC MIMO)

Part 27									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (Ant 2+4)		-2.10							
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Emission Designator
10.0	BPSK	2501.0	2685.0	31.16	29.06	0.805	8.634	8634	8M63G7W
	QPSK			31.03	28.93	0.782	8.624	8624	8M62G7W
	16QAM			30.22	28.12	0.649	8.626	8626	8M63D7W
15.0	BPSK	2503.5	2682.5	31.20	29.10	0.813	12.917	12917	12M9G7W
	QPSK			31.23	29.13	0.818	12.898	12898	12M9G7W
	16QAM			29.24	27.14	0.518	12.924	12924	12M9D7W
20.0	BPSK	2506.0	2680.0	31.25	29.15	0.822	17.894	17894	17M9G7W
	QPSK			31.20	29.10	0.813	17.938	17938	17M9G7W
	16QAM			30.56	28.46	0.701	17.871	17871	17M9D7W
25.0	BPSK	2508.5	2677.5	31.44	29.34	0.859	22.996	22996	23M0G7W
	QPSK			31.30	29.20	0.832	23.014	23014	23M0G7W
	16QAM			30.37	28.27	0.671	23.014	23014	23M0D7W
30.0	BPSK	2511.0	2675.0	30.86	28.76	0.752	27.010	27010	27M0G7W
	QPSK			31.18	29.08	0.809	26.931	26931	26M9G7W
	16QAM			29.59	27.49	0.561	26.937	26937	26M9D7W
35.0	BPSK	2513.5	2672.5	31.71	29.61	0.914	32.301	32301	32M3G7W
	QPSK			31.67	29.57	0.906	32.249	32249	32M2G7W
	16QAM			30.31	28.21	0.662	32.194	32194	32M2D7W
40.0	BPSK	2516.0	2670.0	31.71	29.61	0.914	35.923	35923	35M9G7W
	QPSK			31.55	29.45	0.881	35.767	35767	35M8G7W
	16QAM			29.69	27.59	0.574	35.668	35668	35M7D7W
45.0	BPSK	2518.5	2667.5	31.70	29.60	0.912	38.872	38872	38M9G7W
	QPSK			31.59	29.49	0.889	38.657	38657	38M7G7W
	16QAM			30.29	28.19	0.659	38.811	38811	38M8D7W
50.0	BPSK	2521.0	2665.0	30.83	28.73	0.746	46.035	46035	46M0G7W
	QPSK			30.65	28.55	0.716	45.773	45773	45M8G7W
	16QAM			30.54	28.44	0.698	45.725	45725	45M7D7W
60.0	BPSK	2526.0	2660.0	30.63	28.53	0.713	58.109	58109	58M1G7W
	QPSK			30.70	28.60	0.724	58.109	58109	58M1G7W
	16QAM			30.51	28.41	0.693	57.919	57919	57M9D7W
70.0	BPSK	2531.0	2655.0	30.69	28.59	0.723	64.693	64693	64M7G7W
	QPSK			30.76	28.66	0.735	64.715	64715	64M7G7W
	16QAM			30.48	28.38	0.689	64.566	64566	64M6D7W
80.0	BPSK	2536.0	2650.0	31.24	29.14	0.820	77.277	77277	77M3G7W
	QPSK			31.03	28.93	0.782	77.452	77452	77M5G7W
	16QAM			30.50	28.40	0.692	77.430	77430	77M4D7W
90.0	BPSK	2541.0	2645.0	30.19	28.09	0.644	86.908	86908	86M9G7W
	QPSK			30.36	28.26	0.670	87.116	87116	87M1G7W
	16QAM			29.46	27.36	0.545	86.982	86982	87M0D7W
100.0	BPSK	2546.0	2640.0	30.37	28.27	0.671	96.758	96758	96M8G7W
	QPSK			30.39	28.29	0.675	96.825	96825	96M8G7W
	16QAM			30.03	27.93	0.621	96.804	96804	96M8D7W

ULCA LTE BAND 41 (FCC)

Part 27									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (Ant 2)		-0.60							
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Emission Designator
5+20	QPSK	2499.3	2680.0	28.69	28.09	0.644	23.479	23479	23M5G7W
	16QAM			27.20	26.60	0.457	23.375	23375	23M4D7W
20+5	QPSK	2506.0	2686.7	28.70	28.10	0.646	23.473	23473	23M5G7W
	16QAM			27.09	26.49	0.446	23.369	23369	23M4D7W
10+20	QPSK	2501.5	2680.0	28.66	28.06	0.640	28.197	28197	28M2G7W
	16QAM			27.12	26.52	0.449	28.125	28125	28M1D7W
20+10	QPSK	2506.0	2684.5	28.67	28.07	0.641	28.165	28165	28M2G7W
	16QAM			27.14	26.54	0.451	28.136	28136	28M1D7W
15+15	QPSK	2503.5	2682.5	28.68	28.08	0.643	28.770	28770	28M8G7W
	16QAM			27.11	26.51	0.448	28.704	28704	28M7D7W
15+20	QPSK	2503.8	2680.0	28.69	28.09	0.644	33.019	33019	33M0G7W
	16QAM			27.13	26.53	0.450	32.979	32979	33M0D7W
20+15	QPSK	2506.0	2682.2	28.65	28.05	0.638	33.062	33062	33M1G7W
	16QAM			27.11	26.51	0.448	32.963	32963	33M0D7W
20+20	QPSK	2506.0	2680.0	28.70	28.10	0.646	37.865	37865	37M9G7W
	16QAM			27.16	26.56	0.453	37.860	37860	37M9D7W

LTE BAND 41 (IC)

RSS 199									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (Ant 2)		-0.60							
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Emission Designator
5.0	QPSK	2502.5	2687.5	28.70	28.10	0.646	4.488	4488	4M49G7W
	16QAM			27.59	26.99	0.500	4.489	4489	4M49D7W
10.0	QPSK	2505.0	2685.0	28.70	28.10	0.646	8.978	8978	8M98G7W
	16QAM			27.67	27.07	0.509	8.980	8980	8M98D7W
15.0	QPSK	2507.5	2682.5	28.70	28.10	0.646	13.453	13453	13M5G7W
	16QAM			27.88	27.28	0.535	13.459	13459	13M5D7W
20.0	QPSK	2510.0	2680.0	27.94	27.34	0.542	17.967	17967	18M0G7W
	16QAM			27.66	27.06	0.508	17.907	17907	17M9D7W

5G NR n41 (IC)

RSS 199									
EIRP Limit (W)			2.00						
Antenna Gain (dBi) (Ant 2)			-0.60						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Emission Designator
10.0	BPSK	2505.0	2685.0	28.70	28.10	0.646	8.653	8653	8M65G7W
	QPSK			28.69	28.09	0.644	8.637	8637	8M64G7W
	16QAM			27.91	27.31	0.538	8.645	8645	8M65D7W
15.0	BPSK	2507.5	2682.5	28.70	28.10	0.646	12.940	12940	12M9G7W
	QPSK			28.69	28.09	0.644	12.906	12906	12M9G7W
	16QAM			27.88	27.28	0.535	12.928	12928	12M9D7W
20.0	BPSK	2510.0	2680.0	28.70	28.10	0.646	17.948	17948	17M9G7W
	QPSK			28.69	28.09	0.644	17.929	17929	17M9G7W
	16QAM			27.95	27.35	0.543	17.950	17950	18M0D7W
25.0	BPSK	2512.5	2677.5	28.70	28.10	0.646	22.910	22910	22M9G7W
	QPSK			28.68	28.08	0.643	22.943	22943	22M9G7W
	16QAM			27.87	27.27	0.533	23.005	23005	23M0D7W
30.0	BPSK	2515.0	2675.0	28.70	28.10	0.646	26.885	26885	26M9G7W
	QPSK			28.68	28.08	0.643	26.880	26880	26M9G7W
	16QAM			27.94	27.34	0.542	26.873	26873	26M9D7W
35.0	BPSK	2517.5	2672.5	28.70	28.10	0.646	32.317	32317	32M3G7W
	QPSK			28.69	28.09	0.644	32.329	32329	32M3G7W
	16QAM			27.91	27.31	0.538	32.238	32238	32M2D7W
40.0	BPSK	2520.0	2670.0	28.70	28.10	0.646	35.855	35855	35M9G7W
	QPSK			28.69	28.09	0.644	35.896	35896	35M9G7W
	16QAM			27.95	27.35	0.543	35.829	35829	35M8D7W
45.0	BPSK	2522.5	2667.5	28.70	28.10	0.646	38.833	38833	38M8G7W
	QPSK			28.69	28.09	0.644	38.786	38786	38M8G7W
	16QAM			27.91	27.31	0.538	38.714	38714	38M7D7W
50.0	BPSK	2525.0	2665.0	28.70	28.10	0.646	45.874	45874	45M9G7W
	QPSK			28.69	28.09	0.644	45.834	45834	45M8G7W
	16QAM			27.95	27.35	0.543	45.812	45812	45M8D7W
60.0	BPSK	2530.0	2660.0	28.70	28.10	0.646	58.012	58012	58M0G7W
	QPSK			28.69	28.09	0.644	58.017	58017	58M0G7W
	16QAM			27.93	27.33	0.541	58.011	58011	58M0D7W
70.0	BPSK	2535.0	2655.0	28.70	28.10	0.646	64.489	64489	64M5G7W
	QPSK			28.69	28.09	0.644	64.553	64553	64M6G7W
	16QAM			27.89	27.29	0.536	64.394	64394	64M4D7W
80.0	BPSK	2540.0	2650.0	28.70	28.10	0.646	77.366	77366	77M4G7W
	QPSK			28.69	28.09	0.644	77.333	77333	77M3G7W
	16QAM			27.93	27.33	0.541	77.306	77306	77M3D7W
90.0	BPSK	2545.0	2645.0	28.70	28.10	0.646	86.921	86921	86M9G7W
	QPSK			28.69	28.09	0.644	86.919	86919	86M9G7W
	16QAM			28.95	28.35	0.684	86.888	86888	86M9D7W
100.0	BPSK	2550.0	2640.0	28.70	28.10	0.646	96.540	96540	96M5G7W
	QPSK			28.69	28.09	0.644	96.653	96653	96M7G7W
	16QAM			27.95	27.35	0.543	96.513	96513	96M5D7W

ULCA LTE BAND 41 (IC)

RSS 199									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (Ant 2)		-0.60							
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Emission Designator
5+20	QPSK	2503.3	2680.0	28.68	28.08	0.643	23.252	23252	23M3G7W
	16QAM			27.08	26.48	0.445	23.244	23244	23M2D7W
20+5	QPSK	2510.0	2686.7	28.60	28.00	0.631	23.333	23333	23M3G7W
	16QAM			27.13	26.53	0.450	23.258	23258	23M3D7W
10+20	QPSK	2505.5	2680.0	28.60	28.00	0.631	28.135	28135	28M1G7W
	16QAM			27.03	26.43	0.440	28.014	28014	28M0D7W
20+10	QPSK	2510.0	2684.5	28.42	27.82	0.605	28.147	28147	28M1G7W
	16QAM			26.96	26.36	0.433	28.090	28090	28M1D7W
15+15	QPSK	2507.5	2682.5	28.29	27.69	0.587	28.634	28634	28M6G7W
	16QAM			27.11	26.51	0.448	28.628	28628	28M6D7W
15+20	QPSK	2507.8	2680.0	28.66	28.06	0.640	32.798	32798	32M8G7W
	16QAM			27.01	26.41	0.438	32.925	32925	32M9D7W
20+15	QPSK	2510.0	2682.2	28.69	28.09	0.644	32.957	32957	33M0G7W
	16QAM			27.09	26.49	0.446	32.843	32843	32M8D7W
20+20	QPSK	2510.0	2680.0	28.31	27.71	0.590	37.756	37756	37M8G7W
	16QAM			27.03	26.43	0.440	37.863	37863	37M9D7W

6.3. SOFTWARE AND FIRMWARE

The EUT firmware installed during testing was version 0.08.00.

6.4. MAXIMUM ANTENNA GAIN AND MAXIMUM ALLOWED OUTPUT POWER

The IFA antenna(s) gain/ allowed output power, as provided by the manufacturer' are as follows:

SISO MODE

Bands	Frequency Range (MHz)	Antenna Gain (dBi)				Max Allowed Conducted Output Power (dBm)				ERP/EIRP (dBm)			
		ANT1	ANT2	ANT3	ANT4	ANT1	ANT2	ANT3	ANT4	ANT1	ANT2	ANT3	ANT4
LTE Band 7/ 5G NR n7	2500 - 2570	-2.90	0.10	-1.80	-1.50	24.20	25.70	25.70	24.70	21.30	25.80	23.90	23.20
LTE ULCA Band 7		-2.90	0.10	-1.80	-1.50	24.20	25.70	25.70	24.70	21.30	25.80	23.90	23.20
LTE Band 41	FCC 2496 – 2680	-2.80	-0.60	-1.80	-1.90	28.70	28.70	28.70	28.70	25.90	28.10	26.90	26.80
5G NR n41		-2.80	-0.60	-1.80	-1.90	28.70	28.70	28.70	28.70	25.90	28.10	26.90	26.80
LTE ULCA Band 41		-2.80	-0.60	-1.80	-1.90	28.70	28.70	28.70	28.70	25.90	28.10	26.90	26.80
LTE Band 41	IC 2500 – 2680	-2.80	-0.60	-1.80	-1.90	28.70	28.70	28.70	28.70	25.90	28.10	26.90	26.80
5G NR n41		-2.80	-0.60	-1.80	-1.90	28.70	28.70	28.70	28.70	25.90	28.10	26.90	26.80
LTE ULCA Band 41		-2.80	-0.60	-1.80	-1.90	28.70	28.70	28.70	28.70	25.90	28.10	26.90	26.80
LTE Band 38	IC 2570 – 2620	-2.80	-0.40	-2.00	-3.20	25.70	25.70	25.70	25.70	22.90	25.30	23.70	22.50
5G NR n38		-2.80	-0.40	-2.00	-3.20	25.70	25.70	25.70	25.70	22.90	25.30	23.70	22.50
LTE ULCA Band 38		-2.80	-0.40	-2.00	-3.20	25.70	25.70	25.70	25.70	22.90	25.30	23.70	22.50

MIMO MODE

Bands	Frequency Range (MHz)	Antenna	Maximum Allowed Conducted Power Per Antenna (dBm)	Max Allowed Combined Conducted Output Power (dBm)	Gain (dBi)	EIRP (dBm)
5G NR n41	2496 – 2690	ANT 3+4	28.7	28.7	31.71	27.51
		ANT 3+2	28.7	28.7	31.71	28.91
		ANT 3+1	28.7	28.7	31.71	29.01
		ANT 2+4	28.7	28.7	31.71	29.61
		ANT 2+1	28.7	28.7	31.71	28.51
		ANT 1+4	28.7	28.7	31.71	26.71

6.5. WORST-CASE CONFIGURATION AND MODE

This report covers the following technologies:

- LTE Band 7, 5G NR n7, LTE B7 2CA
- LTE Band 38, 5G NR n38 LTE B38 2CA
- LTE Band 41, LTE B41 2CA, 5G NR n41 (SISO), 5G NR n41 (MIMO)

5G NR n41, SISO data were used for OBW, PAR and FS because these measurements are independent of the number of antennas used simultaneously.

LTE Band 38 and 5G NR n38 (2570-2620MHz) are covered by LTE Band 41 and 5G NR n41 respectively since they are the subset of LTE band 41 and 5G NR n41. Also, they have the same or less output power and supported bandwidths.

For 5G NRs, conducted spurious emission tests were conducted on wider bandwidth with inner 1RB since this is the worst bandwidth and the highest output power.

BPSK modulation applied only for 5G NR frequencies and has the same tune up power as QPSK modulations.

The DFT-s-OFDM and CP-OFDM waveforms were investigated, and DFT-s-OFDM was found to be the worst case.

The worst-case scenario for all measurements is based on an engineering evaluation made on different modulations. Then, QPSK and BPSK were observed as the worst mode to LTE bands and 5G NR bands respectively and set for all conducted and radiated. Output power measurements were measured on BPSK, QPSK, 16QAM, 64QAM, and 256QAM modulations. For testing purposes emissions on section 9 were measured while QPSK/BPSK was set at or above target power for all bands. Conducted tests were performed on the worst-case antenna port because it has the highest conducted power. The worst-case antenna port is shown in the table below.

LTE and 5G NR Bands	Worst case Antenna Port
LTE Band 7 and 5G NR n7	Ant 3
LTE Band 41	Ant 3
5G NR n41 (SISO)	Ant 3
5G NR n41 (MIMO)	Ant 2+4

The EUT was investigated in three orthogonal orientations X/Y/Z on all available SISO and MIMO antennas to determine the worst-case orientation. The following table exhibits the worst-case orientation. The full tests of the EUT have made upon the orientations that shown in the table below.

Frequency Range	ANT3	ANT4	ANT2	ANT1	ANT3+4	ANT3+2	ANT3+1	ANT4+1	ANT2+3	ANT2+4
2300 – 2700 MHz	Y	X	X	Y	Y	Y	X	X	X	Y

Radiated spurious emissions were investigated from 9kHz to 30MHz, 30MHz-1GHz and above 1GHz. There were no emissions found with less than 20dB of margin from 9kHz to 1GHz and above 18GHz.

For simultaneous transmission of multiple channels in the 2.4GHz/5GHz WLAN, UWB, and Cellular bands, tests were conducted for various configurations having the highest power, least separation in frequencies and widest operation bandwidths. No noticeable new emission was found.

6.6. DESCRIPTION OF TEST SETUP

Refer to Appendix A for description of test setup.

7. TEST AND MEASUREMENT EQUIPMENT

The following test and measurement equipment was utilized for the tests documented in this report:

TEST EQUIPMENT LIST				
Description	Manufacturer	Model	Asset	Cal Due
Wideband Communication Test Set, Call Box	R&S GmbH & Co.	CMW500	85723	2026-02-28
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	169936	2026-02-28
Antenna, Horn 1-18GHz	ETS Lindgren	3117	200897	2026-04-30
RF Filter Box, 1-18GHz, 12 Port	UL-FR1	Frankenstein	217255	2026-01-31
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	223460	2026-02-28
RF Filter Box, 1-18GHz, 17 Port	UL-FR1	RATS 2	236726	2025-10-31
Antenna, Horn 1-18GHz	ETS Lindgren	3117	80403	2026-08-31
Antenna, Broadband Hybrid, 30MHz to 3GHz	Sunol Sciences Corp.	JB3	171863	2026-11-30
Amplifier 9 KHz - 1 GHz	SONOMA INSTRUMENT	310N	224490	2026-05-06
Antenna, Passive Loop 30Hz - 1MHz	ELECTRO-METRICS	EM-6871	170013	2025-07-31
Antenna, Passive Loop 100KHz - 30MHz	ELECTRO-METRICS	EM-6872	170015	2025-07-31
PXA Signal Analyzer	Keysight Technologies Inc	N9030B	262735	2026-03-30
PXA Signal Analyzer	Keysight Technologies Inc	N9030B	231912	2026-04-30
Antenna, Horn 18 to 26.5GHz	A.R.A.	MWH-1826/B	172353	2025-08-31
Link File, RF Amplifier Assembly, 18-26.5GHz, 60dB Gain	AMPLICAL	AMP18G26.5-60	220194	2026-04-29
Antenna, Horn 26.5-40GHz	A.R.A.	MWH-2640/B	81105	2025-08-31
Link File, RF Amplifier Assembly, 26.5-40GHz, 65dB Gain	Amplical	AMP26G40-65	220193	2026-04-30
PXA Signal Analyzer	Keysight Technologies Inc	N9030B	259079	2026-02-28
PXA Signal Analyzer	Keysight Technologies Inc	N9030B	262734	2026-04-30
Wideband Communication Call Box	Rohde & Schwarz	CMW500	230298	2026-02-28
Wideband Communication Call Box	Rohde & Schwarz	CMW500	85943	2026-02-28
Wideband Communication Call Box	Rohde & Schwarz	CMW500	262742	2027-02-11
Wideband Communication Call Box	Rohde & Schwarz	CMW500	262741	2027-02-11
Conducted Switch Box	N/A	CSB	221008	2026-04-30
Conducted Switch Box	N/A	CSB	262354	2026-04-30
Filter, BRF 3400-3800MHz, 18GHz max	Micro-Tronics	BRM50711	217364	2025-09-30
Filter, BRF 2305-2315	Micro-Tronics	BRC20553	224186	2026-06-29
Directional Coupler	KRYTAR	152610	254457	2025-10-31
Directional Coupler	KRYTAR	101040010K	254458	2025-10-30
Power Meter, P-series single channel	Keysight Technologies Inc	N1911A	90718	2026-03-31
Power Sensor, P - series, 50MHz to 18GHz, Wideband	Keysight Technologies Inc	N1921A	257704	2026-03-31
Chamber, Environmental	Cincinnati Sub Zero	ZPHS-8-3.5-SCT/WC	89097	2025-10-31
UL AUTOMATION SOFTWARE				
Conducted Software	UL	CLT	Ver.v2023.3.3.0 & v2024.3.20.0	
Conducted Software	UL	Antenna Port	Ver.2021.8.27 & 2022.8.16	
Conducted Software	UL	Station Tool	Ver v2025.3.0, v2025.4.8, v2025.5.3, v2025.6.0, v2025.6.1, v2025.7.0	
Radiated Software	UL	UL EMC	Ver 9.5, May 1, 2023	

8. RF OUTPUT POWER VERIFICATION

CONDUCTED OUTPUT POWER MEASUREMENT PROCEDURE

All bands conducted average power is obtained from the base station simulator.

The following tests were conducted according to the test requirements outlined in ANSI C63.26 Section 5.2.

In band power measurements for MIMO modes are made by summing the channel power for the individual chains to calculate the total power following the measure and sum method E)1) from KDB 662911 D01.

RESULTS

The EUT has different power levels for head use configuration and body use configuration. All measurements are made with the device operating at the highest average conducted output powers.

8.1. LTE BAND 7

Test Engineer ID:	27957	Test Date:	2025-03-20
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OUTPUT POWER FOR LTE BAND 7 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				20775	21100	21425	20775	21100	21425	20775	21100	21425	20775	21100	21425
5.0	QPSK	1	0	2502.5	2535.0	2567.5	2502.5	2535.0	2567.5	2502.5	2535.0	2567.5	2502.5	2535.0	2567.5
		1	12	25.70	25.68	25.32	24.62	24.63	24.15	25.55	25.70	25.50	24.20	24.13	24.14
		1	24	25.66	25.70	25.58	24.70	24.70	24.46	25.60	25.65	25.64	24.05	24.20	24.16
		1	24	25.69	25.70	25.70	24.52	24.57	24.70	25.61	25.70	25.70	23.91	24.13	24.20
		12	0	25.49	25.38	25.20	23.57	23.51	23.16	25.31	25.45	25.37	23.07	23.08	23.12
		12	6	25.54	25.35	25.36	23.59	23.63	23.45	25.36	25.49	25.47	23.02	23.18	23.20
		12	11	25.49	25.39	25.35	23.52	23.56	23.53	25.28	25.41	25.44	22.95	23.09	23.20
		25	0	25.47	25.22	25.29	23.52	23.49	23.29	25.38	25.48	25.38	22.95	23.09	23.14
	16QAM	1	0	24.55	24.43	24.26	23.36	23.47	22.99	24.39	24.49	24.27	22.93	22.87	22.91
		1	12	24.55	24.68	24.46	23.44	23.44	23.46	24.43	24.56	24.53	22.91	23.02	23.16
		1	24	24.60	24.43	24.67	23.52	23.48	23.46	24.60	24.48	24.60	22.91	22.91	23.06
		12	0	24.22	24.29	23.98	22.42	22.31	22.01	24.15	24.36	24.37	22.04	21.91	22.01
		12	6	24.34	24.12	24.17	22.58	22.45	22.39	24.29	24.30	24.39	21.78	22.18	22.08
		12	11	24.40	24.28	24.25	22.37	22.52	22.53	24.20	24.14	24.26	21.78	22.01	22.06
		25	0	24.20	24.09	24.17	22.30	22.33	22.17	24.38	24.36	24.35	21.91	21.91	21.99
	64QAM	1	0	23.50	23.21	23.21	22.10	22.27	21.92	23.12	23.22	23.20	21.66	21.74	21.68
		1	12	23.37	23.57	23.44	22.26	22.41	22.33	23.34	23.43	23.39	21.81	21.85	21.92
		1	24	23.58	23.36	23.44	22.49	22.32	22.34	23.40	23.48	23.54	21.86	21.84	21.86
		12	0	23.04	23.07	22.96	21.35	21.08	20.80	23.04	23.15	23.10	20.89	20.79	20.96
		12	6	23.27	22.88	23.14	21.54	21.45	21.32	23.23	23.17	23.18	20.74	21.01	20.95
		12	11	23.30	23.06	23.02	21.14	21.35	21.50	23.07	23.06	23.03	20.61	20.74	20.79
		25	0	23.06	23.00	23.05	21.27	21.20	20.99	23.28	23.10	23.29	20.88	20.79	20.91
	256QAM	1	0	22.26	22.03	22.18	21.04	21.24	20.75	22.11	22.04	22.17	20.59	20.57	20.48
		1	12	22.12	22.33	22.34	21.26	21.15	21.15	22.20	22.20	22.32	20.59	20.65	20.88
		1	24	22.53	22.09	22.30	21.34	21.13	21.25	22.15	22.36	22.45	20.79	20.66	20.82
		12	0	21.89	22.04	21.74	20.19	19.96	19.72	21.93	22.10	21.96	19.69	19.61	19.83
		12	6	22.25	21.73	22.08	20.43	20.33	20.23	22.10	22.12	21.97	19.49	19.90	19.93
		12	11	22.05	21.87	21.83	20.00	20.34	20.26	22.06	22.06	21.93	19.58	19.69	19.56
		25	0	21.82	21.89	21.84	20.00	20.12	19.88	22.06	21.98	22.25	19.67	19.72	19.86

OUTPUT POWER FOR LTE BAND 7 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				20800	21100	21400	20800	21100	21400	20800	21100	21400	20800	21100	21400
10.0	QPSK	1	0	2505.0	2535.0	2565.0	2505.0	2535.0	2565.0	2505.0	2535.0	2565.0	2505.0	2535.0	2565.0
		1	24	25.70	25.70	25.02	24.70	24.70	23.72	25.43	25.70	25.41	24.20	23.99	24.10
		1	49	25.45	25.61	25.70	24.07	24.58	24.70	25.70	25.57	25.70	24.00	24.14	24.20
		25	0	25.49	25.49	25.03	23.55	23.63	22.96	25.29	25.56	25.32	23.00	23.08	23.14
		25	12	25.47	25.36	25.22	23.47	23.61	23.25	25.32	25.54	25.40	22.97	23.14	23.24
		25	24	25.40	25.44	25.38	23.30	23.63	23.48	25.35	25.40	25.49	22.90	23.12	23.12
		50	0	25.41	25.41	25.20	23.43	23.56	23.20	25.32	25.49	25.40	23.00	23.09	23.18
	16QAM	1	0	24.65	24.63	23.96	23.54	23.53	22.48	24.22	24.69	24.20	23.18	22.92	23.09
		1	24	24.51	24.35	24.19	23.47	23.60	22.93	24.60	24.48	24.38	22.89	22.97	22.92
		1	49	24.30	24.34	24.53	22.86	23.32	23.56	24.63	24.39	24.53	22.88	23.00	23.02
		25	0	24.39	24.38	23.76	22.36	22.63	21.94	24.14	24.40	24.15	21.85	21.93	22.14
		25	12	24.21	24.23	24.15	22.47	22.36	22.21	24.07	24.46	24.38	21.90	21.97	22.04
		25	24	24.23	24.28	24.17	22.03	22.47	22.24	24.15	24.20	24.33	21.63	22.06	21.97
		50	0	24.31	24.26	24.18	22.35	22.42	21.98	24.18	24.43	24.32	21.78	21.85	21.96
	64QAM	1	0	23.51	23.53	22.83	22.54	22.28	21.22	23.08	23.67	23.14	21.92	21.72	21.85
		1	24	23.33	23.13	23.01	22.38	22.42	21.72	23.35	23.35	23.26	21.86	21.70	21.85
		1	49	23.19	23.33	23.32	21.75	22.09	22.37	23.61	23.12	23.48	21.62	21.94	21.88
		25	0	23.33	23.14	22.67	21.33	21.51	20.76	22.89	23.30	23.07	20.85	20.71	20.91
		25	12	23.14	23.13	23.05	21.45	21.33	21.21	22.87	23.36	23.36	20.80	20.92	20.97
		25	24	23.00	23.20	23.01	20.92	21.21	21.11	22.98	23.00	23.11	20.51	20.99	20.96
		50	0	23.12	23.17	22.93	21.14	21.29	20.98	23.04	23.21	23.27	20.67	20.76	20.90
	256QAM	1	0	22.28	22.53	21.73	21.53	21.28	20.05	22.05	22.56	22.12	20.75	20.57	20.79
		1	24	22.33	22.06	21.75	21.36	21.20	20.71	22.26	22.16	22.07	20.59	20.59	20.83
		1	49	22.07	22.06	22.17	20.60	20.87	21.32	22.57	21.85	22.39	20.51	20.75	20.86
		25	0	22.29	22.07	21.52	20.32	20.27	19.58	21.89	22.08	21.91	19.70	19.70	19.79
		25	12	22.10	21.95	21.91	20.27	20.20	20.18	21.70	22.25	22.27	19.66	19.85	19.92
		25	24	21.77	22.13	21.79	19.81	19.95	19.85	21.89	21.98	21.94	19.24	19.73	19.75
		50	0	22.05	21.99	21.67	19.87	20.08	19.84	21.85	22.00	22.24	19.61	19.65	19.69

OUTPUT POWER FOR LTE BAND 7 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				20825	21100	21375	20825	21100	21375	20825	21100	21375	20825	21100	21375
15.0	QPSK	1	0	2507.5	2535.0	2562.5	2507.5	2535.0	2562.5	2507.5	2535.0	2562.5	2507.5	2535.0	2562.5
		1	37	25.70	25.70	24.82	24.70	24.70	23.13	25.11	25.65	25.38	24.12	23.90	24.07
		1	74	25.66	25.59	25.22	24.36	24.61	23.87	25.66	25.70	25.55	23.92	24.20	24.19
		36	0	25.40	25.57	25.70	23.76	24.52	24.70	25.70	25.63	25.70	24.20	24.13	24.20
		36	16	25.47	25.48	24.86	23.60	23.56	22.44	25.05	25.55	25.33	22.99	23.07	23.13
		36	35	25.40	25.41	25.07	23.42	23.47	22.87	25.16	25.54	25.38	22.96	23.14	23.14
		75	0	25.32	25.39	25.28	23.15	23.53	23.24	25.23	25.44	25.47	22.95	23.14	23.20
		75	37	25.36	25.41	25.11	23.33	23.48	22.97	25.13	25.53	25.40	23.00	23.12	23.15
		1	0	24.63	24.44	23.69	23.64	23.48	21.95	23.98	24.65	24.11	23.01	22.88	23.03
		1	37	24.58	24.35	24.20	23.24	23.41	22.79	24.45	24.49	24.43	22.90	23.15	23.10
	16QAM	1	74	24.22	24.30	24.61	22.71	23.30	23.59	24.46	24.43	24.44	23.03	23.07	22.94
		36	0	24.30	24.27	23.64	22.44	22.35	21.33	23.79	24.48	24.16	21.80	21.85	22.12
		36	16	24.23	24.22	23.88	22.20	22.41	21.72	24.16	24.49	24.35	21.72	22.04	22.06
		36	35	24.19	24.26	24.16	22.06	22.41	22.07	24.12	24.27	24.47	21.92	21.88	22.19
		75	0	24.29	24.19	24.04	22.12	22.47	21.92	23.86	24.37	24.27	21.83	21.92	21.94
		1	0	23.53	23.40	22.62	22.57	22.27	20.79	22.88	23.47	22.97	21.88	21.70	21.79
		1	37	23.35	23.16	23.20	22.14	22.17	21.78	23.41	23.26	23.16	21.84	21.97	21.92
		1	74	23.00	23.10	23.34	21.63	22.03	22.50	23.23	23.41	23.32	22.02	21.93	21.77
		36	0	23.13	23.16	22.64	21.41	21.27	20.13	22.57	23.42	22.96	20.58	20.62	21.08
		36	16	23.04	22.97	22.64	21.04	21.27	20.64	22.97	23.38	23.19	20.57	20.84	20.83
	64QAM	36	35	22.92	23.02	22.96	20.87	21.33	21.06	22.90	23.19	23.31	20.73	20.88	21.08
		75	0	23.06	22.96	22.85	20.87	21.21	20.70	22.80	23.18	23.13	20.64	20.75	20.92
		1	0	22.44	22.29	21.60	21.30	21.07	19.70	21.75	22.45	21.81	20.74	20.44	20.74
		1	37	22.22	21.99	22.00	21.09	20.91	20.53	22.22	22.14	22.10	20.65	20.91	20.84
		1	74	21.92	22.06	22.24	20.50	20.87	21.32	22.00	22.19	22.25	20.87	20.70	20.70
		36	0	22.08	21.89	21.58	20.38	20.27	19.00	21.36	22.25	21.72	19.33	19.38	20.05
		36	16	22.04	21.91	21.51	19.86	20.26	19.51	21.86	22.17	21.98	19.31	19.68	19.67
		36	35	21.79	21.95	21.83	19.77	20.06	19.82	21.80	21.95	22.24	19.60	19.88	19.84
		75	0	22.01	21.81	21.75	19.75	20.18	19.67	21.55	22.08	22.01	19.48	19.60	19.69

OUTPUT POWER FOR LTE BAND 7 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				20850	21100	21350	20850	21100	21350	20850	21100	21350	20850	21100	21350
20.0	QPSK	1	0	2510.0	2535.0	2560.0	2510.0	2535.0	2560.0	2510.0	2535.0	2560.0	2510.0	2535.0	2560.0
		1	49	25.70	25.70	25.70	24.70	24.70	22.82	24.83	25.70	25.64	23.80	23.90	24.19
		1	99	25.66	25.44	25.69	24.22	24.37	23.68	25.66	25.68	25.54	23.64	24.20	24.11
		50	0	25.16	25.46	25.69	23.49	24.53	24.70	25.70	25.40	25.70	24.17	24.20	24.17
		50	24	25.48	25.42	25.59	23.55	23.53	22.19	24.80	25.57	25.45	22.70	23.17	23.20
		50	49	25.41	25.34	25.58	23.32	23.44	22.67	25.03	25.57	25.45	22.72	23.26	23.22
		50	99	25.21	25.30	25.57	22.92	23.48	23.23	25.29	25.36	25.44	22.93	23.20	23.13
		100	0	25.37	25.36	25.57	23.26	23.46	22.71	25.04	25.48	25.49	22.79	23.21	23.22
	16QAM	1	0	24.69	24.51	24.66	23.48	23.61	21.79	23.79	24.69	24.56	22.57	22.90	23.04
		1	49	24.50	24.32	24.55	23.07	23.37	22.48	24.57	24.65	24.40	22.60	22.95	22.96
		1	99	24.15	24.28	24.56	22.40	23.49	23.55	24.52	24.35	24.54	23.04	23.09	23.16
		50	0	24.43	24.28	24.57	22.43	22.37	21.10	23.63	24.32	24.39	21.50	22.10	22.06
		50	24	24.25	24.14	24.49	22.12	22.19	21.52	24.01	24.42	24.30	21.56	22.07	22.01
		50	49	24.20	24.30	24.34	21.87	22.33	22.06	24.03	24.24	24.20	21.77	22.04	22.09
		100	0	24.34	24.11	24.30	22.02	22.41	21.61	23.77	24.37	24.31	21.70	22.00	22.08
	64QAM	1	0	23.45	23.43	23.42	22.30	22.51	20.78	22.52	23.43	23.46	21.47	21.77	21.78
		1	49	23.24	23.24	23.48	21.87	22.16	21.43	23.33	23.61	23.29	21.35	21.86	21.69
		1	99	23.08	23.23	23.44	21.36	22.25	22.47	23.47	23.20	23.40	21.94	22.04	22.14
		50	0	23.28	23.03	23.52	21.27	21.20	19.88	22.49	23.09	23.24	20.30	20.86	21.06
		50	24	22.99	23.13	23.45	20.96	21.10	20.29	22.89	23.42	23.09	20.31	20.82	20.80
		50	49	22.97	23.15	23.23	20.73	21.22	20.81	22.79	23.12	23.04	20.71	21.03	20.94
		100	0	23.08	23.08	23.21	21.00	21.38	20.47	22.67	23.37	23.09	20.43	20.76	20.87
	256QAM	1	0	22.20	22.39	22.39	21.22	21.24	19.64	21.52	22.36	22.45	20.25	20.61	20.73
		1	49	22.10	22.23	22.24	20.77	21.13	20.16	22.24	22.40	22.23	20.34	20.59	20.68
		1	99	21.89	22.19	22.26	20.19	21.17	21.26	22.23	21.96	22.16	20.92	20.91	20.95
		50	0	22.04	21.76	22.31	20.02	20.01	18.86	21.27	22.09	22.13	19.09	19.84	19.84
		50	24	21.76	22.00	22.45	19.88	20.05	19.18	21.74	22.16	21.93	19.12	19.76	19.55
		50	49	21.87	22.09	22.13	19.62	19.97	19.76	21.63	22.09	21.99	19.64	19.90	19.82
		100	0	21.84	21.95	22.00	19.86	20.24	19.36	21.66	22.21	22.07	19.37	19.56	19.74

8.2. 5G NR n7

Test Engineer ID:	28567	Test Date:	2025-03-05
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OUTPUT POWER FOR 5G NR n7 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				500500	507000	513500	500500	507000	513500	500500	507000	513500	500500	507000	513500
5.0	BPSK	1	0	2502.5	2535.0	2567.5	2502.5	2535.0	2567.5	2502.5	2535.0	2567.5	2502.5	2535.0	2567.5
		1	0	25.53	25.52	25.52	24.70	24.50	24.70	25.56	25.66	25.61	23.44	23.63	23.61
		1	1	25.61	25.58	25.59	24.58	24.65	24.67	25.59	25.65	25.64	24.09	24.16	24.09
		1	23	25.70	25.60	25.60	24.55	24.65	24.67	25.63	25.64	25.67	24.19	24.18	24.19
		1	24	25.63	25.58	25.57	24.54	24.63	24.65	25.62	25.63	25.66	23.54	23.64	23.66
		12	6	25.61	25.70	25.70	24.61	24.70	24.70	25.70	25.70	25.70	24.20	24.20	24.20
	QPSK	25	0	25.42	25.46	25.52	24.37	24.57	24.60	25.52	25.68	25.64	23.53	23.57	23.57
		1	0	25.47	25.47	25.48	24.61	24.47	24.64	25.53	25.65	25.60	23.35	23.52	23.50
		1	1	25.57	25.56	25.58	24.56	24.62	24.65	25.57	25.63	25.62	24.07	24.14	24.08
		1	23	25.68	25.58	25.59	24.54	24.64	24.66	25.61	25.63	25.66	24.15	24.16	24.17
		1	24	25.56	25.52	25.53	24.47	24.60	24.59	25.60	25.61	25.65	23.45	23.53	23.54
		12	6	25.60	25.68	25.68	24.60	24.69	24.69	25.67	25.69	25.69	24.18	24.19	24.17
	16QAM	25	0	25.39	25.38	25.48	24.35	24.54	24.55	25.51	25.64	25.62	23.43	23.45	23.45
		1	0	24.30	24.24	24.34	23.57	23.29	23.47	24.26	24.57	24.44	22.16	22.45	22.24
		1	1	24.35	24.39	24.57	23.37	23.58	23.57	24.56	24.42	24.42	22.82	23.09	23.03
		1	23	24.52	24.56	24.33	23.35	23.54	23.56	24.61	24.48	24.50	23.15	22.95	22.96
		1	24	24.34	24.41	24.34	23.23	23.44	23.57	24.48	24.42	24.39	22.23	22.29	22.53
		12	6	24.36	24.64	24.64	23.56	23.60	23.50	24.48	24.67	24.46	22.93	23.14	22.97
	64QAM	25	0	24.27	24.24	24.23	23.16	23.31	23.37	24.41	24.52	24.56	22.42	22.28	22.20
		1	0	23.17	23.17	23.18	22.36	22.10	22.23	23.15	23.34	23.22	20.95	21.30	21.17
		1	1	23.24	23.14	23.41	22.10	22.49	22.54	23.30	23.24	23.32	21.60	21.89	21.78
		1	23	23.43	23.39	23.16	22.19	22.32	22.55	23.44	23.35	23.30	21.96	21.69	21.77
		1	24	23.22	23.37	23.33	22.14	22.42	22.51	23.33	23.22	23.13	21.06	21.15	21.38
		12	6	23.27	23.51	23.59	22.42	22.33	22.27	23.35	23.43	23.42	21.84	21.89	21.77
	256QAM	25	0	23.27	23.09	22.99	22.02	22.21	22.23	23.27	23.37	23.48	21.41	21.11	21.09
		1	0	21.92	21.99	21.95	21.24	20.92	21.15	22.12	22.21	21.98	19.72	20.07	19.91
		1	1	21.97	21.87	22.14	20.97	21.25	21.31	22.20	22.20	22.18	20.49	20.70	20.56
		1	23	22.17	22.31	22.14	21.17	21.23	21.38	22.40	22.17	22.23	20.95	20.50	20.60
		1	24	22.13	22.12	22.08	21.10	21.16	21.38	22.17	21.96	21.98	19.98	20.01	20.24
		12	6	22.21	22.30	22.50	21.16	21.23	21.11	22.13	22.32	22.20	20.79	20.83	20.52
		25	0	22.24	22.05	21.74	20.91	21.12	21.13	22.12	22.30	22.41	20.21	19.85	19.86

OUTPUT POWER FOR 5G NR n7 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				501000	507000	513000	501000	507000	513000	501000	507000	513000	501000	507000	513000
10.0	BPSK	1	0	2505.0	2535.0	2565.0	2505.0	2535.0	2565.0	2505.0	2535.0	2565.0	2505.0	2535.0	2565.0
		1	1	25.60	25.55	25.53	23.70	23.43	23.58	25.51	25.57	25.57	23.43	23.52	23.53
		1	50	25.70	25.70	25.65	23.65	23.56	23.70	25.65	25.70	25.70	24.04	24.20	24.14
		1	51	25.67	25.69	25.70	23.57	24.70	23.67	25.70	25.57	25.66	24.20	24.19	24.20
		1	51	25.54	25.56	25.62	23.52	23.48	23.56	25.60	25.48	25.53	23.50	23.49	23.61
		25	12	25.67	25.59	25.66	23.62	23.52	23.55	25.61	25.53	25.60	24.10	24.10	24.16
	QPSK	50	0	25.53	25.49	25.59	23.57	23.42	23.46	25.54	25.47	25.57	23.48	23.48	23.48
		1	0	25.55	25.51	25.47	23.62	23.40	23.45	25.49	25.56	25.56	23.32	23.42	23.41
		1	1	25.69	25.67	25.63	23.64	23.53	23.66	25.64	25.68	25.67	24.02	24.18	24.12
		1	50	25.65	25.68	25.68	23.56	24.47	23.65	25.69	25.56	25.64	24.17	24.17	24.19
		1	51	25.49	25.51	25.55	23.46	23.46	23.50	25.58	25.47	25.52	23.39	23.39	23.49
		25	12	25.64	25.57	25.64	23.60	23.51	23.54	25.59	25.52	25.59	24.08	24.07	24.13
	16QAM	50	0	25.49	25.42	25.45	23.50	23.40	23.41	25.52	25.45	25.55	23.38	23.38	23.39
		1	0	24.38	24.42	24.32	22.39	22.25	22.44	24.28	24.40	24.44	22.22	22.16	22.32
		1	1	24.53	24.49	24.43	22.40	22.44	22.60	24.48	24.52	24.64	22.98	22.94	23.10
		1	50	24.59	24.56	24.59	22.45	23.25	22.56	24.58	24.42	24.57	22.98	23.06	22.95
		1	51	24.26	24.47	24.28	22.43	22.42	22.31	24.43	24.22	24.52	22.14	22.28	22.29
		25	12	24.47	24.42	24.40	22.48	22.28	22.54	24.41	24.42	24.43	23.06	23.05	22.95
	64QAM	50	0	24.22	24.36	24.24	22.46	22.22	22.35	24.40	24.40	24.50	22.22	22.30	22.12
		1	0	23.15	23.37	23.32	21.30	21.05	21.17	23.06	23.26	23.19	21.11	20.91	21.08
		1	1	23.34	23.30	23.37	21.20	21.32	21.45	23.38	23.47	23.63	21.78	21.94	22.04
		1	50	23.33	23.42	23.47	21.24	22.24	21.38	23.37	23.32	23.40	21.86	21.95	21.90
		1	51	23.24	23.36	23.27	21.34	21.38	21.22	23.33	23.07	23.45	20.90	21.12	21.13
		25	12	23.44	23.37	23.32	21.22	21.24	21.43	23.25	23.29	23.34	21.92	21.88	21.81
	256QAM	50	0	22.95	23.31	23.19	21.35	21.22	21.32	23.14	23.34	23.37	21.02	21.08	21.01
		1	0	21.89	22.12	22.11	20.23	19.80	20.03	21.84	22.13	22.03	20.05	19.71	19.83
		1	1	22.08	22.14	22.22	20.02	20.28	20.40	22.33	22.42	22.59	20.66	20.88	20.90
		1	50	22.12	22.22	22.32	20.14	21.12	20.23	22.10	22.17	22.33	20.77	20.75	20.71
		1	51	22.24	22.21	22.07	20.18	20.19	20.11	22.29	21.99	22.45	19.88	19.90	19.87
		25	12	22.42	22.10	22.29	20.22	20.24	20.31	21.98	22.11	22.33	20.80	20.86	20.80
		50	0	21.94	22.07	21.99	20.16	20.10	20.21	22.12	22.14	22.34	19.78	20.02	19.86

OUTPUT POWER FOR 5G NR n7 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				501500	507000	512500	501500	507000	512500	501500	507000	512500	501500	507000	512500
15.0	BPSK	1	0	25.59	24.68	25.55	24.55	24.30	24.59	25.70	25.57	25.55	23.46	23.54	23.48
		1	1	25.70	24.79	25.70	24.70	24.51	24.62	24.48	25.62	25.68	24.13	24.19	24.12
		1	77	25.21	25.70	24.77	24.64	24.54	24.70	24.65	25.68	25.64	24.20	24.18	24.13
		1	78	25.12	25.56	24.69	24.57	24.50	24.54	24.52	25.59	25.58	23.62	23.61	23.58
		36	18	25.41	25.21	24.97	24.60	24.50	24.62	24.64	25.53	25.65	24.08	24.14	24.06
		75	0	25.33	25.15	25.10	24.42	24.43	24.48	24.40	25.40	25.55	23.49	23.50	23.45
		1	0	25.51	24.61	25.47	24.48	24.24	24.51	25.46	25.52	25.44	23.37	23.44	23.38
	QPSK	1	1	25.65	24.75	25.64	24.64	24.46	24.57	24.42	25.57	25.63	24.07	24.13	24.07
		1	77	25.15	25.64	24.72	24.57	24.50	24.65	24.60	25.63	25.59	24.15	24.13	24.08
		1	78	25.05	25.49	24.62	24.48	24.43	24.47	24.48	25.54	25.52	23.52	23.50	23.48
		36	18	25.36	25.16	24.83	24.54	24.44	24.57	24.58	25.48	25.60	24.04	24.09	24.02
		75	0	25.26	25.08	24.96	24.35	24.36	24.39	24.36	25.36	25.50	23.40	23.40	23.36
		1	0	24.31	23.37	24.44	23.36	23.17	23.47	24.26	24.36	24.28	22.29	22.44	22.25
		1	1	24.40	23.69	24.62	23.53	23.34	23.57	23.32	24.41	24.62	22.83	22.93	22.99
	16QAM	1	77	24.02	24.63	23.68	23.45	23.30	23.39	23.38	24.42	24.37	23.07	23.05	22.81
		1	78	24.04	24.27	23.61	23.30	23.33	23.22	23.24	24.52	24.33	22.39	22.39	22.39
		36	18	24.22	23.95	23.61	23.42	23.36	23.53	23.32	24.44	24.58	22.95	23.02	22.90
		75	0	24.18	23.97	23.73	23.30	23.11	23.34	23.11	24.32	24.38	22.31	22.34	22.30
		1	0	23.05	22.25	23.32	22.33	22.15	22.34	23.13	23.36	23.25	21.26	21.44	21.25
		1	1	23.22	22.52	23.37	22.44	22.16	22.49	22.27	23.38	23.57	21.67	21.85	21.73
		1	77	22.84	23.38	22.67	22.41	22.24	22.23	22.15	23.34	23.17	21.84	22.00	21.80
	64QAM	1	78	22.79	23.18	22.38	22.21	22.23	21.95	21.99	23.35	23.24	21.15	21.17	21.35
		36	18	23.04	22.79	22.41	22.34	22.12	22.49	22.31	23.37	23.53	21.68	21.76	21.83
		75	0	23.13	22.97	22.70	22.29	21.97	22.33	21.94	23.08	23.14	21.20	21.23	21.22
		1	0	22.01	21.00	22.18	21.24	21.04	21.22	21.91	22.15	22.04	20.17	20.37	20.19
		1	1	21.97	21.43	22.33	21.24	21.10	21.27	21.00	22.36	22.30	20.43	20.66	20.47
		1	77	21.68	22.32	21.66	21.31	21.14	21.15	21.00	22.18	22.16	20.73	20.82	20.76
		1	78	21.71	21.97	21.31	21.01	21.22	20.72	20.77	22.35	22.09	20.02	20.03	20.29
	256QAM	36	18	22.03	21.77	21.40	21.24	20.91	21.43	21.24	22.13	22.28	20.55	20.57	20.83
		75	0	21.97	21.73	21.69	21.28	20.89	21.12	20.77	21.93	21.95	20.16	19.96	20.17

OUTPUT POWER FOR 5G NR n7 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				502000	507000	512000	502000	507000	512000	502000	507000	512000	502000	507000	512000
20.0	BPSK	1	0	25.53	24.49	25.52	24.57	24.48	24.52	25.42	25.46	25.57	23.37	23.52	23.48
		1	1	25.70	24.59	25.70	24.55	24.54	24.67	25.58	25.53	25.67	24.10	24.07	24.10
		1	104	25.14	25.70	24.52	24.70	24.56	24.70	25.70	25.70	25.60	24.20	24.20	24.18
		1	105	25.02	25.57	24.44	24.54	24.70	24.58	25.56	25.57	25.62	23.49	23.63	23.57
		50	25	25.35	25.18	25.15	24.61	24.54	24.54	25.64	25.70	25.70	24.08	24.10	24.20
		100	0	25.32	25.18	24.98	24.59	24.54	24.59	25.64	25.70	25.70	23.58	23.63	23.63
		1	0	25.46	24.42	25.45	24.49	24.41	24.44	25.36	25.42	25.52	23.28	23.42	23.38
	QPSK	1	1	25.55	24.55	25.65	24.50	24.49	24.61	25.53	25.48	25.61	24.04	24.03	24.06
		1	104	25.09	25.64	24.47	24.63	24.52	24.65	25.65	25.64	25.55	24.15	24.15	24.13
		1	105	24.95	25.50	24.37	24.46	24.62	24.51	25.51	25.52	25.56	23.39	23.53	23.47
		50	25	25.29	25.11	25.06	24.56	24.50	24.49	25.59	25.65	25.65	24.03	24.05	24.14
		100	0	25.25	25.10	24.90	24.52	24.48	24.50	25.59	25.65	25.64	23.48	23.53	23.53
		1	0	24.44	23.39	24.28	23.28	23.25	23.24	24.27	24.32	24.26	22.27	22.17	22.36
		1	1	24.45	23.28	24.43	23.29	23.30	23.54	24.26	24.35	24.53	22.81	23.00	22.86
	16QAM	1	104	24.04	24.41	23.23	23.40	23.30	23.64	24.60	24.41	24.53	22.95	23.03	23.07
		1	105	23.72	24.30	23.19	23.34	23.51	23.31	24.24	24.37	24.50	22.30	22.49	22.37
		50	25	24.27	23.84	23.81	23.34	23.36	23.40	24.53	24.62	24.60	22.84	22.92	22.91
		100	0	24.04	24.00	23.63	23.52	23.21	23.50	24.56	24.56	24.49	22.32	22.49	22.52
		1	0	23.27	22.23	23.18	22.13	22.02	22.20	23.25	23.13	23.22	21.12	20.91	21.18
		1	1	23.35	22.12	23.25	22.25	22.14	22.49	23.19	23.14	23.46	21.77	21.95	21.73
		1	104	22.99	23.33	22.06	22.28	22.23	22.54	23.51	23.18	23.41	21.78	21.96	22.00
	64QAM	1	105	22.55	23.19	21.94	22.16	22.48	22.12	23.17	23.19	23.28	21.15	21.42	21.22
		50	25	23.01	22.71	22.71	22.14	22.15	22.39	23.41	23.52	23.42	21.83	21.80	21.85
		100	0	22.87	22.92	22.63	22.27	22.05	22.32	23.34	23.44	23.35	21.27	21.33	21.45
		1	0	22.03	20.98	22.00	21.05	21.02	21.03	22.14	22.11	22.05	20.09	19.68	19.97
		1	1	22.23	20.89	22.10	21.03	20.96	21.41	22.12	21.95	22.27	20.57	20.73	20.65
		1	104	21.78	22.15	20.82	21.23	20.98	21.51	22.36	22.11	22.17	20.67	20.94	20.85
		1	105	21.49	22.12	20.76	21.04	21.38	20.91	21.93	21.92	22.12	20.15	20.34	20.15
	256QAM	50	25	21.91	21.49	21.65	21.11	21.05	21.27	22.41	22.48	22.36	20.81	20.73	20.75
		100	0	21.81	21.79	21.60	21.08	20.93	21.18	22.18	22.35	22.25	20.24	20.11	20.31

OUTPUT POWER FOR 5G NR n7 (25.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				502500	507000	511500	502500	507000	511500	502500	507000	511500	502500	507000	511500
25.0	BPSK	1	0	25.62	24.13	25.56	24.68	24.51	24.46	25.36	25.49	25.57	23.51	23.49	23.42
		1	1	25.70	24.30	25.70	24.70	24.70	24.56	25.49	25.67	25.68	24.01	24.15	24.07
		1	131	25.13	25.70	24.14	24.66	24.62	24.56	25.70	25.70	25.70	24.20	24.20	24.20
		1	132	25.10	25.56	24.02	24.63	24.53	24.70	25.52	25.60	25.59	23.56	23.59	23.51
		64	32	25.14	24.98	25.01	24.61	24.52	24.49	25.62	25.51	25.59	24.09	24.02	23.99
		128	0	24.85	24.85	24.96	24.51	24.48	24.34	25.57	25.48	25.53	23.45	23.47	23.45
	QPSK	1	0	25.53	24.07	25.49	24.60	24.44	24.39	25.30	25.45	25.52	23.41	23.39	23.32
		1	1	25.63	24.24	25.65	24.65	24.63	24.51	25.44	25.62	25.63	23.96	24.09	24.02
		1	131	25.05	25.65	24.08	24.59	24.57	24.52	25.65	25.64	25.65	24.15	24.14	24.15
		1	132	25.00	25.48	23.95	24.54	24.46	24.61	25.47	25.54	25.54	23.45	23.50	23.42
		64	32	25.06	24.93	24.96	24.54	24.47	24.44	25.57	25.46	25.53	24.03	23.97	23.94
		128	0	24.78	24.78	24.84	24.43	24.40	24.28	25.52	25.42	25.48	23.35	23.37	23.35
	16QAM	1	0	24.46	23.06	24.34	23.47	23.37	23.25	24.04	24.21	24.46	22.20	22.14	22.23
		1	1	24.47	23.15	24.58	23.51	23.48	23.44	24.22	24.61	24.36	22.76	22.83	23.00
		1	131	23.78	24.62	23.04	23.34	23.43	23.42	24.55	24.62	24.58	23.08	23.06	22.97
		1	132	23.88	24.21	22.92	23.53	23.24	23.56	24.28	24.32	24.50	22.21	22.38	22.26
		64	32	24.04	23.89	23.93	23.40	23.40	23.21	24.55	24.20	24.45	22.88	22.73	22.94
		128	0	23.66	23.51	23.57	23.26	23.28	23.08	24.40	24.31	24.35	22.29	22.35	22.17
	64QAM	1	0	23.41	21.83	23.25	22.27	22.23	22.20	23.01	23.16	23.39	21.07	21.01	21.19
		1	1	23.20	22.03	23.42	22.46	22.45	22.43	23.12	23.39	23.25	21.54	21.63	21.86
		1	131	22.64	23.57	22.03	22.27	22.22	22.39	23.49	23.55	23.45	22.01	22.01	21.71
		1	132	22.87	23.00	21.92	22.39	22.05	22.39	23.20	23.23	23.28	21.18	21.12	21.03
		64	32	22.92	22.68	22.73	22.35	22.18	22.13	23.29	23.03	23.25	21.82	21.61	21.93
		128	0	22.61	22.27	22.32	22.16	22.25	21.83	23.38	23.31	23.23	21.18	21.28	21.00
	256QAM	1	0	22.26	20.63	22.22	21.33	21.06	21.00	21.86	21.95	22.32	20.06	19.91	20.19
		1	1	22.08	20.79	22.25	21.36	21.37	21.27	22.01	22.16	22.01	20.44	20.60	20.77
		1	131	21.54	22.57	20.82	21.22	21.17	21.18	22.46	22.35	22.30	20.89	20.75	20.61
		1	132	21.75	21.81	20.76	21.24	20.85	21.36	22.19	22.02	22.26	19.97	20.05	19.89
		64	32	21.87	21.42	21.61	21.16	20.95	21.03	22.06	21.98	22.01	20.64	20.52	20.74
		128	0	21.50	21.25	21.13	20.97	21.12	20.75	22.35	22.30	22.22	19.99	20.17	19.90

OUTPUT POWER FOR 5G NR n7 (30.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				503000	507000	511000	503000	507000	511000	503000	507000	511000	503000	507000	511000
30.0	BPSK	1	0	25.58	24.11	25.55	24.52	24.61	24.37	25.37	25.52	25.48	23.52	23.43	23.42
		1	1	25.70	24.21	25.70	24.70	24.70	24.52	25.52	25.70	25.62	24.10	24.11	24.10
		1	158	25.38	25.70	24.27	24.47	24.70	24.70	25.70	25.62	25.70	24.20	24.20	24.20
		1	159	25.28	25.55	24.23	24.63	24.63	24.63	25.63	25.48	25.59	23.65	23.62	23.55
		80	40	25.03	25.03	25.47	24.58	24.61	24.49	25.61	25.56	25.56	24.03	24.01	24.00
		160	0	25.07	24.92	24.91	24.52	24.47	24.44	25.54	25.48	25.47	23.54	23.45	23.47
	QPSK	1	0	25.51	24.05	25.49	24.46	24.52	24.30	25.32	25.47	25.43	23.41	23.32	23.32
		1	1	25.64	24.16	25.64	24.65	24.53	24.47	25.47	25.63	25.57	24.04	24.05	24.04
		1	158	25.33	25.64	24.22	24.43	24.65	24.64	25.64	25.58	25.65	24.15	24.15	24.15
		1	159	25.20	25.49	24.16	24.54	24.54	24.55	25.57	25.44	25.54	23.53	23.51	23.45
		80	40	24.97	24.98	25.41	24.53	24.55	24.44	25.53	25.50	25.52	23.99	23.95	23.95
		160	0	25.00	24.85	24.86	24.45	24.40	24.36	25.46	25.43	25.43	23.44	23.35	23.37
	16QAM	1	0	24.30	22.94	24.31	23.25	23.45	23.13	24.08	24.40	24.34	22.40	22.06	22.26
		1	1	24.48	23.14	24.41	23.44	23.42	23.23	24.32	24.52	24.50	22.97	22.89	22.84
		1	158	24.08	24.56	23.09	23.38	23.52	23.43	24.46	24.46	24.57	23.07	22.98	22.99
		1	159	24.02	24.32	23.02	23.32	23.28	23.50	24.37	24.34	24.50	22.28	22.37	22.45
		80	40	23.77	23.77	24.24	23.40	23.48	23.30	24.51	24.49	24.40	22.92	22.73	22.93
		160	0	23.87	23.80	23.82	23.26	23.20	23.10	24.23	24.40	24.42	22.35	22.18	22.35
	64QAM	1	0	23.19	21.82	23.11	22.13	22.25	22.11	22.98	23.22	23.15	21.16	21.00	21.09
		1	1	23.35	22.13	23.37	22.23	22.19	22.00	23.10	23.33	23.23	21.92	21.70	21.68
		1	158	23.08	23.30	21.88	22.21	22.30	22.36	23.22	23.44	23.38	21.81	21.71	21.90
		1	159	22.99	23.26	21.84	22.14	22.28	22.24	23.19	23.30	23.26	21.12	21.30	21.43
		80	40	22.67	22.67	23.16	22.40	22.37	22.24	23.29	23.25	23.32	21.69	21.62	21.76
		160	0	22.62	22.71	22.60	22.18	22.03	21.86	23.12	23.26	23.30	21.20	20.93	21.24
	256QAM	1	0	22.18	20.62	22.09	20.90	21.00	21.11	21.93	22.06	22.08	20.08	19.75	19.94
		1	1	22.19	20.86	22.27	20.99	21.00	20.80	21.90	22.08	21.98	20.67	20.63	20.46
		1	158	22.01	22.17	20.80	21.21	21.13	21.32	22.01	22.40	22.11	20.69	20.68	20.84
		1	159	21.75	22.09	20.83	20.95	21.19	21.02	21.96	22.27	22.24	19.93	20.15	20.38
		80	40	21.43	21.63	22.01	21.22	21.31	21.00	22.08	22.02	22.16	20.54	20.46	20.76
		160	0	21.35	21.45	21.50	21.02	20.79	20.86	21.86	22.22	22.17	20.08	19.79	20.21

OUTPUT POWER FOR 5G NR n7 (35.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				503500	507000	510500	503500	507000	510500	503500	507000	510500	503500	507000	510500
35.0	BPSK	1	0	25.67	25.70	25.55	24.59	24.54	24.54	24.90	25.56	25.59	23.78	24.06	24.01
		1	1	25.57	25.60	25.58	24.70	24.66	24.57	25.16	25.63	25.55	23.73	23.99	24.02
		1	186	25.70	25.48	25.52	24.47	24.67	24.38	25.70	25.70	25.67	24.09	24.20	23.92
		1	187	25.54	25.59	25.54	24.43	24.65	24.52	25.50	25.66	25.42	24.20	24.00	24.09
		90	45	25.60	25.62	25.58	24.67	24.70	24.70	25.64	25.57	25.70	24.09	24.06	24.20
		180	0	25.57	25.59	25.70	24.54	24.54	24.53	25.53	25.60	25.33	24.05	24.15	24.11
	QPSK	1	0	25.60	25.61	25.45	24.50	24.47	24.43	24.66	25.41	25.44	23.70	23.98	23.93
		1	1	25.53	25.54	25.50	24.63	24.60	24.53	25.00	25.56	25.48	23.69	23.93	23.96
		1	186	25.64	25.44	25.46	24.42	24.62	24.35	25.62	25.61	25.57	24.05	24.15	23.87
		1	187	25.46	25.53	25.42	24.36	24.59	24.40	25.36	25.49	25.22	24.12	23.94	24.01
		90	45	25.56	25.57	25.54	24.61	24.64	24.63	25.59	25.53	25.06	24.04	24.02	24.14
		180	0	25.50	25.52	25.55	24.47	24.48	24.40	25.41	25.46	25.17	23.98	24.08	24.02
	16QAM	1	0	24.37	24.36	24.34	23.48	23.45	23.25	23.52	24.30	24.22	22.60	22.75	22.66
		1	1	24.48	24.38	24.27	23.45	23.45	23.43	23.81	24.43	24.29	22.62	22.74	22.79
		1	186	24.52	24.44	24.41	23.39	23.43	23.25	24.40	24.38	24.41	23.01	22.93	22.83
		1	187	24.34	24.40	24.40	23.29	23.43	23.40	24.09	24.34	24.05	22.97	22.77	22.85
		90	45	24.49	24.36	24.52	23.40	23.52	23.42	24.53	24.33	23.82	22.85	23.00	22.88
		180	0	24.37	24.41	24.30	23.36	23.37	23.31	24.36	24.24	24.03	22.78	23.07	22.83
	64QAM	1	0	23.27	23.30	23.28	22.22	22.27	22.21	22.30	23.23	23.16	21.45	21.48	21.59
		1	1	23.30	23.36	23.03	22.32	22.32	22.26	22.63	23.28	23.17	21.46	21.69	21.78
		1	186	23.48	23.36	23.37	22.25	22.40	22.25	23.37	23.15	23.40	21.85	21.72	21.62
		1	187	23.07	23.27	23.26	22.13	22.31	22.16	22.87	23.19	22.84	21.71	21.72	21.59
		90	45	23.26	23.10	23.33	22.22	22.29	22.16	23.30	23.33	22.79	21.63	21.80	21.73
		180	0	23.23	23.38	23.16	22.32	22.12	22.04	23.27	23.03	22.76	21.59	21.96	21.68
	256QAM	1	0	22.03	22.05	22.19	21.17	21.19	21.07	21.04	22.10	21.98	20.23	20.35	20.46
		1	1	22.20	22.25	21.90	21.17	21.14	21.08	21.48	22.28	21.91	20.32	20.51	20.51
		1	186	22.38	22.24	22.19	21.04	21.26	21.02	22.17	21.98	22.13	20.61	20.46	20.46
		1	187	22.00	22.07	22.04	21.09	21.20	20.95	21.78	22.08	21.59	20.59	20.61	20.38
		90	45	22.16	21.93	22.28	21.20	21.24	20.92	22.29	22.08	21.66	20.59	20.64	20.46
		180	0	22.08	22.24	21.94	21.11	20.89	20.97	22.20	21.86	21.63	20.39	20.82	20.48

OUTPUT POWER FOR 5G NR n7 (40.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				504000	507000	510000	504000	507000	510000	504000	507000	510000	504000	507000	510000
40.0	BPSK	1	0	25.05	24.35	24.99	24.56	24.39	24.66	25.38	25.48	25.54	23.45	23.38	23.34
		1	1	25.18	24.43	24.96	24.64	24.40	24.70	25.46	25.57	25.63	24.01	24.09	23.90
		1	214	25.70	25.70	24.46	24.66	24.49	24.66	25.66	25.70	25.70	24.20	24.20	24.20
		1	215	25.52	25.48	24.37	24.52	24.51	24.60	25.62	25.54	25.65	23.56	23.41	23.53
		108	54	24.57	25.34	25.70	24.56	24.70	24.64	25.55	25.55	25.54	24.03	24.06	24.09
		216	0	24.89	25.29	25.49	24.70	24.70	24.67	25.70	25.59	25.63	23.60	23.62	23.59
	QPSK	1	0	25.00	24.29	24.91	24.48	24.33	24.58	25.28	25.43	25.49	23.32	23.29	23.24
		1	1	25.14	24.38	24.91	24.59	24.36	24.64	25.41	25.52	25.58	23.93	24.03	23.86
		1	214	25.65	25.65	24.40	24.60	24.46	24.61	25.61	25.65	25.64	24.15	24.13	24.12
		1	215	25.45	25.40	24.30	24.44	24.42	24.53	25.56	25.49	25.60	23.45	23.32	23.42
		108	54	24.52	25.29	25.65	24.50	24.63	24.58	25.51	25.50	25.50	23.98	24.01	24.04
		216	0	24.82	25.22	25.36	24.60	24.61	24.55	25.65	25.54	25.58	23.50	23.51	23.47
	16QAM	1	0	23.74	23.21	23.75	23.41	23.21	23.51	24.10	24.28	24.39	22.22	22.07	22.20
		1	1	23.99	23.19	23.80	23.34	23.35	23.63	24.34	24.40	24.33	22.68	22.87	22.61
		1	214	24.51	24.61	23.25	23.44	23.46	23.35	24.57	24.42	24.40	22.99	23.13	23.06
		1	215	24.27	24.28	23.03	23.28	23.28	23.34	24.45	24.45	24.40	22.19	22.11	22.31
		108	54	23.31	24.06	24.64	23.39	23.45	23.34	24.34	24.32	24.37	22.77	22.96	22.77
		216	0	23.74	23.96	24.31	23.50	23.43	23.51	24.63	24.51	24.40	22.32	22.28	22.47
	64QAM	1	0	22.58	22.02	22.69	22.24	22.00	22.33	22.98	23.16	23.28	21.08	21.04	20.99
		1	1	22.75	22.10	22.69	22.12	22.28	22.51	23.19	23.38	23.11	21.64	21.81	21.39
		1	214	23.39	23.55	22.11	22.42	22.27	22.19	23.32	23.27	23.14	21.95	21.89	21.95
		1	215	23.27	23.27	21.79	22.13	22.09	22.29	23.21	23.34	23.22	21.08	20.87	21.11
		108	54	22.11	22.98	23.62	22.33	22.30	22.32	23.20	23.12	23.32	21.63	21.95	21.62
		216	0	22.64	22.84	23.31	22.49	22.32	22.39	23.52	23.47	23.40	21.30	21.24	21.38
	256QAM	1	0	21.56	21.02	21.54	21.22	20.79	21.26	21.77	22.14	22.17	20.08	19.86	19.95
		1	1	21.58	20.98	21.52	21.02	21.21	21.48	22.17	22.22	21.98	20.63	20.69	20.36
		1	214	22.30	22.30	20.91	21.29	21.03	21.17	22.05	22.11	21.88	20.89	20.62	20.81
		1	215	22.17	22.00	20.59	21.06	20.95	21.05	22.06	22.19	22.13	19.90	19.69	19.92
		108	54	20.94	21.83	22.60	21.06	21.26	21.14	21.97	21.93	22.20	20.39	20.71	20.40
		216	0	21.63	21.61	22.19	21.40	21.14	21.15	22.33	22.35	22.15	20.06	19.97	20.26

OUTPUT POWER FOR 5G NR n7 (50.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				505000	507000	509000	505000	507000	509000	505000	507000	509000	505000	507000	509000
50.0	BPSK	1	0	24.96	25.09	24.46	24.24	24.55	24.54	25.38	25.47	25.64	23.48	23.65	23.35
		1	1	25.10	25.04	24.63	24.24	24.70	24.61	25.62	25.70	25.70	24.08	24.17	24.06
		1	268	25.61	25.52	24.54	24.28	24.55	24.70	25.67	25.53	25.70	24.20	24.20	24.20
		1	269	25.70	25.52	24.58	24.05	24.56	24.51	25.58	25.37	25.63	23.62	23.68	23.44
		135	67	24.45	25.70	25.70	24.70	24.46	24.51	25.58	25.38	25.58	23.46	23.58	23.36
		270	0	24.71	25.54	25.11	24.44	24.42	24.49	25.53	25.38	25.54	23.41	23.57	23.30
	QPSK	1	0	24.87	24.95	24.38	24.21	24.47	24.47	25.27	25.41	25.59	23.33	23.55	23.25
		1	1	25.04	25.02	24.57	24.23	24.65	24.57	25.57	25.63	25.64	23.98	24.12	24.00
		1	268	25.55	25.45	24.48	24.27	24.50	24.64	25.62	25.48	25.65	24.15	24.12	24.10
		1	269	25.62	25.37	24.48	24.04	24.43	24.43	25.53	25.32	25.58	23.52	23.57	23.31
		135	67	24.38	25.62	25.62	24.61	24.39	24.43	25.52	25.32	25.53	23.36	23.47	23.25
		270	0	24.64	25.47	25.02	24.38	24.35	24.39	25.48	25.33	25.49	23.31	23.48	23.20
	16QAM	1	0	23.60	23.87	23.11	23.08	23.40	23.26	24.18	24.20	24.37	22.21	22.43	22.12
		1	1	23.97	23.91	23.40	23.05	23.63	23.49	24.47	24.57	24.49	22.81	23.04	22.75
		1	268	24.47	24.32	23.41	23.15	23.30	23.61	24.59	24.44	24.56	23.03	23.11	23.09
		1	269	24.35	24.21	23.39	22.81	23.19	23.40	24.37	24.09	24.35	22.34	22.50	22.09
		135	67	23.32	24.48	24.36	23.48	23.24	23.30	24.51	24.07	24.43	22.35	22.43	22.06
		270	0	23.62	24.45	23.78	23.19	23.29	23.12	24.21	24.10	24.30	22.28	22.28	21.93
	64QAM	1	0	22.42	22.65	21.89	21.92	22.16	22.26	23.11	23.06	23.37	21.00	21.32	20.92
		1	1	22.95	22.74	22.25	21.94	22.55	22.49	23.26	23.36	23.29	21.64	21.79	21.49
		1	268	23.32	23.14	22.15	22.01	22.09	22.59	23.45	23.21	23.49	21.83	22.11	21.87
		1	269	23.35	23.14	22.23	21.57	21.98	22.29	23.13	22.98	23.08	21.08	21.37	20.95
		135	67	22.15	23.29	23.17	22.29	22.05	22.07	23.51	22.93	23.29	21.15	21.36	20.79
		270	0	22.49	23.40	22.69	22.00	22.07	21.96	23.02	22.85	23.30	21.02	21.09	20.92
	256QAM	1	0	21.33	21.51	20.74	20.68	20.89	21.23	21.97	21.98	22.12	19.85	20.19	19.74
		1	1	21.82	21.58	21.07	20.80	21.37	21.39	22.23	22.15	22.04	20.63	20.76	20.48
		1	268	22.22	22.12	20.92	20.93	21.06	21.49	22.42	22.11	22.49	20.61	20.88	20.87
		1	269	22.13	21.93	21.07	20.40	20.82	21.11	21.97	21.85	22.06	20.01	20.26	19.72
		135	67	21.05	22.27	22.13	21.22	20.84	20.82	22.43	21.73	22.22	19.93	20.24	19.75
		270	0	21.23	22.21	21.47	20.93	20.93	20.76	21.98	21.82	22.07	19.79	20.05	19.66

8.3. ULCA LTE BAND 7

Test Engineer ID:	32894	Test Date:	2025-04-15
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OUTPUT POWER FOR ULCA LTE BAND 7 (10.0MHz + 20.0MHz)

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB Size	PCC RB Offset	SCC1 RB Size	SCC1 RB Offset	Conducted Average (dBm)															
							ANT 3				ANT 4				ANT 2				ANT 1			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10MHz / 20MHz	2505.5	2519.9	1	49	1	0	25.70	24.51	23.68	20.64	24.68	23.70	22.70	19.60	25.65	24.64	23.53	20.66	24.15	23.04	21.98	19.07
			50	0	100	0	23.65	22.60	22.48	20.70	22.78	21.56	21.73	19.42	23.72	22.49	22.50	20.35	22.16	21.03	21.02	18.96
	2525.6	2540.0	1	49	1	0	25.68	24.52	23.56	20.57	24.70	23.73	22.57	19.64	25.70	24.52	23.63	20.41	24.17	23.00	21.96	19.22
			50	0	100	0	23.64	22.58	22.56	20.57	22.75	21.63	21.65	19.46	23.71	22.59	22.38	20.62	22.14	21.02	20.98	18.96
	2545.6	2560.0	1	49	1	0	25.68	24.49	23.49	20.63	24.68	23.71	22.57	19.74	25.66	24.65	23.46	20.60	24.20	23.14	21.94	18.95
			50	0	100	0	23.67	22.58	22.40	20.70	22.70	21.74	21.68	19.68	23.67	22.54	22.60	20.36	22.17	21.15	20.95	19.19

OUTPUT POWER FOR ULCA LTE BAND 7 (20.0MHz + 10.0MHz)

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB Size	PCC RB Offset	SCC1 RB Size	SCC1 RB Offset	Conducted Average (dBm)															
							ANT 3				ANT 4				ANT 2				ANT 1			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20MHz / 10MHz	2510.0	2524.4	1	99	1	0	25.69	24.65	23.58	20.64	24.68	23.64	22.48	19.73	25.65	24.61	23.54	20.70	24.12	22.96	21.92	18.92
			100	0	50	0	23.63	22.63	22.61	20.68	22.67	21.54	21.69	19.69	23.74	22.59	22.49	20.39	22.14	21.05	20.96	18.99
	2530.1	2544.5	1	99	1	0	25.70	24.63	23.48	20.54	24.70	23.67	22.70	19.61	25.65	24.59	23.53	20.68	24.16	23.07	21.95	18.81
			100	0	50	0	23.69	22.64	22.36	20.66	22.70	21.58	21.53	19.46	23.66	22.49	22.49	20.51	22.18	21.07	21.16	18.84
	2550.1	2564.5	1	99	1	0	25.63	24.46	23.40	20.44	24.65	23.59	22.71	19.52	25.70	24.57	23.41	20.68	24.20	23.07	22.15	18.89
			100	0	50	0	23.64	22.50	22.66	20.66	22.73	21.54	21.67	19.46	23.69	22.61	22.58	20.59	22.16	21.07	21.04	18.92

OUTPUT POWER FOR ULCA LTE BAND 7 (15.0MHz + 15.0MHz)

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB Size	PCC RB Offset	SCC1 RB Size	SCC1 RB Offset	Conducted Average (dBm)															
							ANT 3				ANT 4				ANT 2				ANT 1			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
15MHz / 15MHz	2507.5	2522.5	1	74	1	0	25.70	24.50	23.44	20.54	24.65	23.48	22.41	19.63	25.62	24.63	23.64	20.49	24.20	23.14	21.98	18.93
			75	0	75	0	23.72	22.51	22.64	20.37	22.63	21.65	21.48	19.58	23.63	22.47	22.44	20.64	22.19	21.03	20.93	18.84
	2527.5	2542.5	1	74	1	0	25.68	24.54	23.53	20.62	24.70	23.52	22.59	19.40	25.63	24.50	23.50	20.36	24.19	23.19	22.04	19.01
			75	0	75	0	23.69	22.51	22.39	20.36	22.66	21.53	21.68	19.66	23.71	22.46	22.62	20.36	22.22	21.09	20.92	19.18
	2547.5	2562.5	1	74	1	0	25.68	24.66	23.54	20.69	24.64	23.53	22.53	19.44	25.70	24.56	23.59	20.65	24.14	23.14	22.03	19.20
			75	0	75	0	23.70	22.64	22.46	20.55	22.67	21.49	21.44	19.67	23.65	22.54	22.39	20.40	22.18	21.10	21.05	18.91

OUTPUT POWER FOR ULCA LTE BAND 7 (15.0MHz + 20.0MHz)

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB Size	PCC RB Offset	SCC1 RB Size	SCC1 RB Offset	Conducted Average (dBm)															
							ANT 3				ANT 4				ANT 2				ANT 1			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
15MHz / 20MHz	2507.8	2524.9	1	74	1	0	25.62	24.66	23.43	20.54	24.69	23.59	22.58	19.63	25.65	24.67	23.45	20.61	24.16	23.06	22.00	19.16
			75	0	100	0	23.61	22.51	22.65	20.42	22.70	21.53	21.67	19.44	23.72	22.62	22.51	20.43	22.23	21.12	21.02	19.00
	2525.3	2542.4	1	74	1	0	25.70	24.62	23.50	20.43	24.67	23.71	22.60	19.40	25.70	24.53	23.54	20.63	24.16	23.16	21.91	18.93
			75	0	100	0	23.61	22.55	22.35	20.46	22.74	21.66	21.48	19.59	23.69	22.53	22.53	20.61	22.22	21.10	20.98	18.95
	2542.9	2560.0	1	74	1	0	25.63	24.61	23.47	20.56	24.70	23.69	22.71	19.55	25.64	24.65	23.39	20.51	24.20	23.06	21.94	19.09
			75	0	100	0	23.60	22.47	22.49	20.45	22.76	21.55	21.71	19.74	23.72	22.49	22.43	20.68	22.18	21.10	21.07	19.09

OUTPUT POWER FOR ULCA LTE BAND 7 (20.0MHz + 15.0MHz)

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB Size	PCC RB Offset	SCC1 RB Size	SCC1 RB Offset	Conducted Average (dBm)															
							ANT 3				ANT 4				ANT 2				ANT 1			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20MHz / 15MHz	2510.0	2527.1	1	99	1	0	25.67	24.65	23.59	20.46	24.63	23.67	22.61	19.68	25.68	24.57	23.44	20.68	24.20	23.17	22.17	19.14
			100	0	75	0	23.63	22.57	22.36	20.60	22.69	21.48	21.40	19.60	23.68	22.64	22.49	20.56	22.17	21.06	21.03	19.15
	2527.6	2544.7	1	99	1	0	25.65	24.63	23.66	20.58	24.64	23.65	22.65	19.61	25.70	24.56	23.66	20.51	24.16	23.22	22.15	19.17
			100	0	75	0	23.69	22.61	22.61	20.67	22.62	21.62	21.40	19.39	23.70	22.54	22.58	20.48	22.23	21.01	20.94	19.12
	2545.1	2562.2	1	99	1	0	25.70	24.57	23.58	20.50	24.70	23.46	22.45	19.40	25.65	24.70	23.62	20.71	24.16	23.13	22.21	19.08
			100	0	75	0	23.65	22.48	22.58	20.54	22.65	21.58	21.45	19.48	23.73	22.69	22.59	20.48	22.25	21.08	21.20	18.87

OUTPUT POWER FOR ULCA LTE BAND 7 (20.0MHz + 20.0MHz)

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB Size	PCC RB Offset	SCC1 RB Size	SCC1 RB Offset	Conducted Average (dBm)																
							ANT 3				ANT 4				ANT 2				ANT 1				
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	
20MHz/ 20MHz	2510.0	2529.8	1	99	1	0	25.66	24.62	23.52	20.62	24.68	23.67	22.63	19.50	25.69	24.63	23.52	20.62	24.20	23.06	22.18	19.15	
			1	0	1	0	19	17.15	17.03	17.11	18.89	16.15	18.20	15.99	16.23	17.21	17.13	16.99	17.17	15.70	15.66	15.61	15.55
			100	0	100	0	23.71	22.66	22.47	20.40	22.74	21.51	21.57	19.48	23.64	22.64	22.45	20.68	22.19	20.99	21.18	19.21	19.21
			1	99	0	0	25.70	24.47	23.41	20.70	24.65	23.51	22.56	19.58	25.63	24.60	23.47	20.47	24.13	23.07	22.18	18.90	18.90
			1	0	1	99	17.20	17.06	16.87	16.94	16.15	16.12	15.97	16.05	17.17	17.07	16.98	17.17	15.66	15.65	15.61	15.52	15.52
			100	0	100	0	23.68	22.49	22.39	20.44	22.70	21.68	21.45	19.67	23.65	22.67	22.59	20.34	22.19	21.01	21.14	19.04	19.04
	2525.1	2544.9	1	99	1	0	25.64	24.63	23.68	20.70	24.70	23.55	22.68	19.47	25.70	24.65	23.66	20.41	24.19	23.11	22.02	18.90	18.90
			1	0	1	99	17.22	17.03	17.07	16.91	16.21	16.12	16.17	16.11	17.21	17.00	16.99	16.96	15.73	15.58	15.55	15.55	15.54
			100	0	100	0	23.70	22.57	22.45	20.43	22.69	21.51	21.67	19.36	23.65	22.63	22.48	20.36	22.21	20.98	20.91	19.16	19.16
			1	99	1	0	25.66	24.62	23.52	20.62	24.68	23.67	22.63	19.50	25.69	24.63	23.52	20.62	24.20	23.06	22.18	19.15	19.15
			1	0	1	0	19	17.15	17.03	17.11	18.89	16.15	18.20	15.99	16.23	17.21	17.13	16.99	17.17	15.70	15.66	15.61	15.55
			100	0	100	0	23.71	22.66	22.47	20.40	22.74	21.51	21.57	19.48	23.64	22.64	22.45	20.68	22.19	20.99	21.18	19.21	19.21
2540.2	2560.0	1	99	1	0	25.64	24.63	23.68	20.70	24.70	23.55	22.68	19.47	25.70	24.65	23.66	20.41	24.19	23.11	22.02	18.90	18.90	
		1	0	1	99	17.22	17.03	17.07	16.91	16.21	16.12	16.17	16.11	17.21	17.00	16.99	16.96	15.73	15.58	15.55	15.55	15.54	
		100	0	100	0	23.70	22.57	22.45	20.43	22.69	21.51	21.67	19.36	23.65	22.63	22.48	20.36	22.21	20.98	20.91	19.16	19.16	
		1	99	1	0	25.66	24.62	23.52	20.62	24.68	23.67	22.63	19.50	25.69	24.63	23.52	20.62	24.20	23.06	22.18	19.15	19.15	
		1	0	1	0	19	17.15	17.03	17.11	18.89	16.15	18.20	15.99	16.23	17.21	17.13	16.99	17.17	15.70	15.66	15.61	15.55	
		100	0	100	0	23.71	22.66	22.47	20.40	22.74	21.51	21.57	19.48	23.64	22.64	22.45	20.68	22.19	20.99	21.18	19.21	19.21	

8.4. LTE BAND 41 (FCC)

Test Engineer ID:	27957	Test Date:	2025-03-20
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OUTPUT POWER FOR LTE BAND 41 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				39675	40620	41565	39675	40620	41565	39675	40620	41565	39675	40620	41565
5.0	QPSK	1	0	24.29	28.59	27.69	25.75	28.56	27.88	28.11	28.62	27.70	23.31	28.70	26.39
		1	12	27.70	28.68	27.70	28.00	28.55	28.00	28.56	28.69	27.70	26.50	28.61	26.47
		1	24	27.67	28.55	27.63	27.90	28.47	27.89	28.70	28.45	27.62	26.35	28.43	26.50
		12	0	24.18	28.49	27.24	24.76	28.40	27.72	27.34	28.70	27.21	22.44	28.58	25.43
		12	6	24.10	28.53	27.26	24.80	28.38	27.76	27.56	28.70	27.23	22.42	28.55	25.47
		12	11	27.18	28.43	27.23	27.84	28.33	27.72	27.71	28.41	27.20	25.38	28.43	25.51
		25	0	24.18	28.42	27.24	24.75	28.38	27.73	27.54	28.50	27.23	22.36	28.52	25.47
		1	0	24.54	27.42	26.55	24.95	27.37	26.78	26.84	27.42	26.54	23.42	27.56	25.14
	16QAM	1	12	26.80	27.45	26.64	27.23	27.46	26.80	27.40	27.49	26.55	25.52	27.48	25.46
		1	24	24.67	27.29	26.38	24.83	27.27	26.65	27.62	27.26	26.36	23.34	27.25	25.48
		12	0	24.52	27.28	26.13	24.86	27.31	26.67	26.30	27.58	26.15	23.23	27.37	24.23
		12	6	26.91	27.27	26.22	27.15	27.28	26.63	26.45	27.49	26.06	25.57	27.51	24.26
		12	11	24.42	27.26	26.21	24.83	27.31	26.58	26.70	27.34	26.06	23.36	27.23	24.36
		25	0	25.95	27.28	26.01	26.19	27.29	26.51	26.42	27.35	26.13	24.63	27.51	24.27
		1	0	24.35	26.23	25.33	24.71	26.37	25.66	25.68	26.39	25.46	23.07	26.32	23.94
		1	12	25.29	26.22	25.48	25.78	26.29	25.76	26.22	26.43	25.38	24.23	26.47	24.41
	64QAM	1	24	24.26	26.03	25.24	24.79	26.20	25.54	26.38	26.13	25.26	23.27	26.00	24.38
		12	0	24.25	26.08	24.95	24.78	26.30	25.66	25.25	26.48	24.98	23.25	26.14	22.96
		12	6	25.39	26.18	25.21	25.52	26.05	25.55	25.25	26.24	24.94	24.30	26.38	23.18
		12	11	24.38	26.14	25.04	24.79	26.15	25.35	25.43	26.13	24.89	23.22	26.13	23.28
		25	0	25.31	26.07	25.01	25.69	26.25	25.35	25.20	26.14	24.89	24.03	26.24	23.08
	256QAM	1	0	23.30	25.01	24.11	23.76	25.17	24.41	24.60	25.23	24.26	22.17	25.11	22.88
		1	12	23.55	25.05	24.24	23.99	25.17	24.52	25.18	25.41	24.15	22.28	25.21	23.22
		1	24	23.34	24.88	24.21	23.58	25.14	24.32	25.34	25.11	24.06	22.17	24.86	23.20
		12	0	23.37	25.03	23.83	23.63	25.19	24.60	24.12	25.30	23.87	22.07	24.89	21.75
		12	6	23.40	25.06	24.12	23.93	24.81	24.30	24.10	25.01	23.72	22.39	25.26	22.12
		12	11	23.39	24.89	23.81	23.52	24.89	24.26	24.40	24.87	23.77	22.30	24.94	22.21
		25	0	23.44	24.93	23.96	23.76	25.15	24.10	23.99	25.02	23.77	22.34	24.97	21.94

OUTPUT POWER FOR LTE BAND 41 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				39700	40620	41540	39700	40620	41540	39700	40620	41540	39700	40620	41540
10.0	QPSK	1	0	23.25	28.56	27.53	23.67	28.61	27.93	27.87	28.49	27.31	21.44	28.68	26.12
		1	24	27.63	28.63	27.70	27.96	28.67	28.00	28.44	28.65	27.70	26.50	28.53	26.35
		1	49	27.70	28.48	27.48	28.00	28.55	27.91	28.70	28.59	27.64	26.31	28.27	26.50
		25	0	24.39	28.68	27.19	24.81	28.39	27.84	27.25	28.35	27.30	22.57	28.70	25.30
		25	12	27.27	28.55	27.21	27.84	28.50	27.87	27.69	28.70	27.33	25.57	28.53	25.41
		25	24	26.24	28.55	27.20	26.81	28.70	27.86	28.22	28.51	27.30	24.35	28.35	25.47
		50	0	24.23	28.54	27.17	24.80	28.44	27.83	27.66	28.33	27.28	22.49	28.51	25.40
		1	0	24.42	27.53	26.42	24.94	27.53	26.74	26.63	27.31	26.15	23.48	27.68	25.04
	16QAM	1	24	26.90	27.38	26.55	27.01	27.59	26.86	27.39	27.59	26.65	25.51	27.49	25.21
		1	49	24.68	27.35	26.42	24.70	27.33	26.66	27.65	27.36	26.47	23.29	27.23	25.39
		25	0	24.47	27.66	26.00	24.89	27.16	26.79	26.01	27.22	26.18	23.31	27.57	24.28
		25	12	26.82	27.33	26.16	27.05	27.30	26.70	26.67	27.55	26.17	25.54	27.50	24.29
		25	24	24.54	27.49	26.06	24.81	27.54	26.81	27.10	27.25	26.28	23.28	27.20	24.22
		50	0	25.70	27.34	26.03	26.00	27.41	26.72	26.49	27.21	26.06	24.66	27.27	24.15
	64QAM	1	0	24.33	26.31	25.36	24.78	26.42	25.49	25.45	26.26	24.96	23.08	26.47	23.99
		1	24	25.33	26.14	25.46	25.53	26.58	25.70	26.35	26.48	25.60	24.17	26.22	24.02
		1	49	24.40	26.09	25.35	24.56	26.25	25.51	26.58	26.13	25.27	23.15	26.17	24.27
		25	0	24.27	26.41	24.96	24.69	26.09	25.66	24.82	26.00	25.17	23.19	26.50	23.11
		25	12	25.40	26.22	24.93	25.54	26.16	25.66	25.49	26.28	25.06	24.05	26.48	23.24
		25	24	24.30	26.48	25.00	24.54	26.38	25.54	25.84	26.00	25.07	23.05	25.93	22.95
		50	0	25.30	26.32	24.84	25.70	26.29	25.62	25.23	26.18	24.97	24.14	26.02	22.91
	256QAM	1	0	23.48	25.19	24.15	23.67	25.22	24.47	24.28	25.18	23.83	22.19	25.29	22.89
		1	24	23.51	24.96	24.35	23.83	25.57	24.48	25.14	25.26	24.45	22.21	25.21	22.83
		1	49	23.50	24.95	24.26	23.61	25.04	24.40	25.38	25.10	24.13	22.01	25.02	23.09
		25	0	23.26	25.38	23.88	23.78	24.88	24.65	23.71	24.87	24.04	22.04	25.47	21.91
		25	12	23.60	24.96	23.73	23.94	25.09	24.61	24.24	25.13	23.91	22.43	25.34	22.10
		25	24	23.37	25.23	23.78	23.65	25.23	24.36	24.58	24.98	23.99	22.21	24.77	21.95
		50	0	23.44	25.27	23.57	23.84	25.21	24.52	24.02	25.00	23.81	22.35	24.90	21.69

OUTPUT POWER FOR LTE BAND 41 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				39725	40620	41515	39725	40620	41515	39725	40620	41515	39725	40620	41515
15.0	QPSK	1	0	23.09	28.53	27.64	23.75	28.52	27.91	27.72	28.70	27.59	21.67	28.70	26.06
		1	37	27.70	28.70	27.70	27.97	28.70	27.99	28.48	28.59	27.70	26.50	28.58	26.24
		1	74	27.53	28.66	27.69	28.00	28.64	28.00	28.70	28.26	27.56	26.48	28.19	26.50
		36	0	23.18	28.00	27.23	23.81	27.97	27.81	27.42	28.65	27.19	21.67	28.70	25.13
		36	16	27.18	27.96	27.25	27.82	28.44	27.86	26.97	28.56	27.23	25.60	28.52	25.25
		36	35	24.14	28.67	27.17	24.77	27.96	27.84	28.41	28.35	27.20	22.42	28.28	25.28
		75	0	23.14	28.54	27.22	23.75	27.96	27.80	27.84	28.50	27.14	21.42	28.44	25.22
	16QAM	1	0	24.62	27.33	26.39	24.81	27.26	26.77	26.69	27.65	26.59	23.29	27.52	24.99
		1	37	26.84	27.61	26.47	27.23	27.55	26.75	27.32	27.32	26.66	25.68	27.47	25.03
		1	74	24.57	27.47	26.65	24.79	27.45	26.92	27.43	27.17	26.45	23.37	26.99	25.40
		36	0	24.52	26.98	26.14	24.74	26.79	26.80	26.42	27.59	26.07	23.34	27.61	23.90
		36	16	26.78	26.80	25.98	27.24	27.38	26.79	25.73	27.36	26.00	25.70	27.52	24.03
		36	35	24.58	27.61	25.97	24.84	26.86	26.73	27.38	27.23	26.12	23.29	27.24	24.11
		75	0	25.78	27.41	26.05	26.25	26.82	26.74	26.74	27.40	26.08	24.75	27.33	24.05
	64QAM	1	0	24.21	26.24	25.34	24.78	26.25	25.64	25.60	26.50	25.42	23.25	26.27	23.79
		1	37	25.44	26.48	25.30	25.73	26.39	25.68	26.30	26.07	25.64	24.05	26.30	23.76
		1	74	24.23	26.26	25.49	24.59	26.20	25.73	26.21	25.93	25.40	23.03	25.88	24.17
		36	0	24.24	25.93	25.01	24.50	25.69	25.56	25.18	26.33	24.92	23.08	26.47	22.70
		36	16	25.38	25.69	24.92	25.52	26.25	25.64	24.69	26.31	24.77	24.08	26.35	22.97
		36	35	24.31	26.49	24.73	24.76	25.60	25.73	26.17	26.01	25.00	23.13	26.11	22.88
		75	0	25.49	26.30	24.97	25.69	25.77	25.71	25.73	26.16	25.06	24.27	26.32	22.86
	256QAM	1	0	23.31	25.20	24.33	23.77	25.04	24.58	24.36	25.46	24.30	22.18	25.09	22.63
		1	37	23.60	25.48	24.13	23.88	25.36	24.44	25.22	24.91	24.44	22.22	25.17	22.67
		1	74	23.33	25.21	24.28	23.59	25.19	24.54	24.95	24.76	24.23	22.17	24.81	23.02
		36	0	23.27	24.80	23.90	23.56	24.57	24.38	23.91	25.12	23.88	22.22	25.41	21.52
		36	16	23.44	24.57	23.81	23.88	25.12	24.49	23.68	25.23	23.68	22.35	25.35	21.70
		36	35	23.48	25.47	23.57	23.50	24.37	24.64	25.04	24.93	23.74	22.01	24.95	21.70
		75	0	23.68	25.10	23.74	23.99	24.71	24.54	24.54	24.96	23.87	22.48	25.11	21.67

OUTPUT POWER FOR LTE BAND 41 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				39750	40620	41490	39750	40620	41490	39750	40620	41490	39750	40620	41490
20.0	QPSK	1	0	23.20	28.55	27.60	23.81	28.57	27.91	27.83	28.56	27.22	21.42	28.70	26.24
		1	49	27.70	28.70	27.70	28.00	28.70	28.00	28.51	28.67	27.70	26.19	28.50	26.29
		1	99	27.67	28.57	27.59	27.95	28.54	27.87	28.70	28.64	27.58	26.50	27.95	26.50
		50	0	23.28	28.30	27.15	23.78	28.60	27.81	26.83	28.20	27.23	21.35	28.59	25.27
		50	24	27.27	28.58	27.17	27.87	28.60	27.84	28.43	28.70	27.22	25.31	28.44	25.32
		50	49	24.22	28.59	27.07	24.80	28.57	27.83	28.48	28.61	27.26	22.26	28.15	25.42
		100	0	23.22	28.41	27.11	23.79	28.59	27.79	28.15	28.35	27.25	21.29	28.40	25.31
	16QAM	1	0	24.62	27.28	26.40	24.75	27.51	26.82	26.69	27.38	25.96	23.35	27.67	25.13
		1	49	26.74	27.66	26.56	27.20	27.67	26.74	27.32	27.55	26.50	25.75	27.42	25.08
		1	99	24.47	27.36	26.51	24.92	27.29	26.71	27.53	27.60	26.48	23.44	26.80	25.37
		50	0	24.60	27.11	26.06	24.70	27.57	26.64	25.77	27.04	26.16	23.20	27.34	24.12
		50	24	26.83	27.50	25.99	27.07	27.49	26.84	27.35	27.44	25.98	25.61	27.44	24.17
		50	49	24.40	27.50	25.88	24.78	27.57	26.74	27.40	27.54	26.19	23.30	27.07	24.37
		100	0	25.91	27.27	25.91	26.01	27.59	26.52	26.97	27.20	26.03	24.55	27.18	24.11
	64QAM	1	0	24.47	26.08	25.27	24.78	26.26	25.80	25.60	26.18	24.77	23.00	26.48	24.12
		1	49	25.45	26.60	25.49	25.63	26.48	25.74	26.21	26.45	25.37	24.12	26.22	24.07
		1	99	24.30	26.30	25.26	24.52	26.10	25.55	26.50	26.44	25.35	23.19	25.78	24.24
		50	0	24.46	26.09	24.88	24.61	26.47	25.55	24.77	26.01	25.14	23.22	26.12	23.09
		50	24	25.28	26.26	24.99	25.69	26.41	25.70	26.27	26.22	24.73	24.12	26.35	23.00
		50	49	24.30	26.49	24.80	24.78	26.32	25.69	26.23	26.27	25.06	23.26	26.01	23.34
		100	0	25.39	26.00	24.66	25.51	26.59	25.29	25.83	25.93	24.90	24.16	26.07	22.99
	256QAM	1	0	23.21	24.90	24.04	23.71	25.00	24.69	24.59	25.16	23.52	22.26	25.48	22.89
		1	49	23.42	25.39	24.28	23.99	25.24	24.71	25.21	25.28	24.26	22.32	25.18	22.82
		1	99	23.44	25.15	24.23	23.56	24.95	24.36	25.27	25.41	24.30	22.12	24.75	23.20
		50	0	23.26	24.99	23.74	23.60	25.30	24.35	23.70	24.76	24.06	22.10	24.92	21.87
		50	24	23.56	25.00	23.98	23.76	25.19	24.57	25.18	25.09	23.46	22.38	25.21	21.82
		50	49	23.50	25.40	23.67	23.69	25.19	24.50	25.02	25.08	24.02	22.17	24.74	22.30
		100	0	23.58	24.89	23.40	23.96	25.51	24.10	24.59	24.91	23.74	22.27	25.03	21.84

8.5. 5G NR n41 (FCC SISO)

Test Engineer ID:	32894	Test Date:	2025-03-05
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OUTPUT POWER FOR 5G NR n41 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				500202	518598	537000	500202	518598	537000	500202	518598	537000	500202	518598	537000
10.0	BPSK	1	0	24.68	25.84	24.49	26.39	25.83	25.00	25.49	25.78	24.68	23.37	25.94	23.47
		1	1	26.07	28.63	27.65	26.54	28.70	27.94	27.92	28.70	27.70	24.92	28.70	26.36
		1	22	27.70	28.53	27.70	28.00	28.62	28.00	28.70	28.57	27.60	26.50	28.58	26.38
		1	23	24.48	25.93	24.47	25.21	25.87	24.83	25.64	25.84	24.67	23.49	25.75	23.48
		12	6	27.70	28.70	27.66	28.00	28.60	27.93	28.49	28.68	27.53	26.50	28.54	26.50
		24	0	27.05	28.47	26.97	26.61	28.46	27.42	27.72	28.33	27.15	25.38	28.41	25.70
	QPSK	1	0	24.67	25.83	24.48	26.38	25.82	24.99	25.48	25.77	24.67	23.36	25.93	23.46
		1	1	26.06	28.62	27.64	26.53	28.69	27.93	27.91	28.69	27.69	24.91	28.69	26.35
		1	22	27.69	28.52	27.69	27.99	28.61	27.99	28.69	28.56	27.59	26.49	28.57	26.37
		1	23	24.47	25.92	24.46	25.20	25.86	24.82	25.63	25.83	24.66	23.48	25.74	23.47
		12	6	27.69	28.69	27.65	27.99	28.59	27.92	28.48	28.67	27.52	26.49	28.53	26.49
		24	0	27.04	28.46	26.96	26.60	28.45	27.41	27.71	28.32	27.14	25.37	28.40	25.69
	16QAM	1	0	24.60	25.60	24.55	24.78	25.59	24.75	25.61	25.68	24.55	23.45	25.68	23.42
		1	1	26.80	27.77	26.74	27.03	27.70	27.01	27.95	27.75	26.91	25.57	27.77	25.52
		1	22	26.86	27.95	26.89	27.16	27.93	27.03	27.88	27.78	26.88	25.62	27.95	25.56
		1	23	24.42	25.62	24.53	24.75	25.48	24.95	25.70	25.50	24.48	23.20	25.50	23.31
		12	6	26.81	27.72	26.87	27.11	27.75	27.16	27.85	27.89	26.76	25.74	27.76	25.56
		24	0	25.71	26.78	25.73	26.21	26.89	26.04	26.70	26.84	25.73	24.61	26.73	24.63
	64QAM	1	0	24.32	25.50	24.34	24.62	25.44	24.54	25.37	25.38	24.27	23.04	25.36	23.23
		1	1	25.45	26.42	25.40	25.76	26.49	25.55	26.44	26.33	25.44	24.26	26.22	24.08
		1	22	25.31	26.49	25.41	25.62	26.22	25.68	26.30	26.24	25.22	24.17	26.35	24.06
		1	23	24.37	25.21	24.26	24.69	25.27	24.64	25.27	25.22	24.24	23.02	25.34	23.14
		12	6	25.27	26.49	25.31	25.67	26.50	25.66	26.50	26.41	25.40	24.02	26.24	24.14
		24	0	25.47	26.29	25.31	25.78	26.33	25.75	26.45	26.32	25.32	24.01	26.28	24.11
	256QAM	1	0	23.48	24.37	23.31	23.56	24.36	23.64	24.33	24.44	23.49	22.25	24.26	22.04
		1	1	23.52	24.68	23.48	23.94	24.69	23.97	24.43	24.61	23.63	22.42	24.57	22.43
		1	22	23.47	24.58	23.63	23.80	24.57	23.79	24.44	24.55	23.65	22.41	24.55	22.34
		1	23	23.27	24.34	23.39	23.52	24.24	23.54	24.31	24.29	23.21	22.28	24.20	22.20
		12	6	23.46	24.65	23.43	23.70	24.59	23.79	24.61	24.65	23.44	22.49	24.41	22.40
		24	0	23.58	24.61	23.59	23.85	24.41	23.71	24.59	24.70	23.69	22.46	24.62	22.32

OUTPUT POWER FOR 5G NR n41 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				500700	518598	536496	500700	518598	536496	500700	518598	536496	500700	518598	536496
15.0	BPSK	1	0	24.68	25.73	24.70	24.86	25.92	24.99	25.60	25.88	24.68	23.28	25.98	23.30
		1	1	26.08	28.59	27.67	26.60	28.65	27.84	28.09	28.63	27.65	24.84	28.67	26.28
		1	36	27.70	28.54	27.70	28.00	28.62	27.90	28.70	28.58	27.54	26.50	28.70	26.38
		1	37	24.62	25.81	24.56	24.79	25.79	24.88	25.42	25.81	24.40	23.33	25.85	23.44
		18	9	27.25	28.70	27.67	27.41	28.64	28.00	28.52	28.70	27.70	26.00	28.69	26.50
		36	0	25.20	28.42	27.03	25.50	28.49	27.43	26.20	28.49	27.11	24.00	28.53	25.64
	QPSK	1	0	24.67	25.72	24.69	24.85	25.91	24.98	25.59	25.87	24.67	23.27	25.97	23.29
		1	1	26.07	28.58	27.66	26.59	28.64	27.83	28.08	28.62	27.64	24.83	28.66	26.27
		1	36	27.69	28.53	27.69	27.99	28.61	27.89	28.69	28.57	27.53	26.49	28.69	26.37
		1	37	24.61	25.80	24.55	24.78	25.78	24.87	25.41	25.80	24.39	23.32	25.84	23.43
		18	9	27.24	28.69	27.66	27.40	28.63	27.99	28.51	28.69	27.69	25.99	28.68	26.49
		36	0	25.19	28.41	27.02	25.49	28.48	27.42	26.19	28.48	27.10	23.99	28.52	25.63
	16QAM	1	0	24.42	25.58	24.69	25.00	25.40	24.82	25.63	25.63	24.55	23.48	25.49	23.30
		1	1	26.81	27.94	26.73	27.07	27.71	27.06	27.72	27.81	26.78	25.63	27.78	25.72
		1	36	26.93	27.84	26.83	27.11	27.90	27.03	27.92	27.91	26.71	25.66	27.77	25.59
		1	37	24.65	25.66	24.48	24.79	25.36	24.91	25.53	25.44	24.58	23.43	25.70	23.41
		18	9	26.75	27.88	26.73	27.17	27.79	27.18	27.72	27.74	26.84	25.51	27.81	25.66
		36	0	25.72	26.74	25.81	26.19	26.82	26.19	26.93	26.91	25.86	24.57	26.79	24.75
	64QAM	1	0	24.50	25.46	24.26	24.58	25.34	24.76	25.38	25.30	24.40	23.24	25.36	23.03
		1	1	25.38	26.46	25.44	25.68	26.15	25.68	26.35	26.40	25.31	24.04	26.44	24.03
		1	36	25.50	26.49	25.36	25.63	26.25	25.63	26.46	26.24	25.40	24.27	26.30	24.30
		1	37	24.34	25.27	24.33	24.57	25.20	24.61	25.36	25.45	24.31	23.09	25.26	23.11
		18	9	25.21	26.45	25.32	25.73	26.17	25.68	26.48	26.25	25.20	24.13	26.28	24.09
		36	0	25.35	26.27	25.40	25.55	26.34	25.69	26.35	26.43	25.32	24.15	26.50	24.15
	256QAM	1	0	23.25	24.37	23.27	23.51	24.23	23.67	24.44	24.22	23.26	22.19	24.36	22.20
		1	1	23.54	24.47	23.66	23.83	24.41	23.88	24.52	24.46	23.40	22.35	24.53	22.47
		1	36	23.67	24.68	23.66	23.71	24.41	23.91	24.59	24.64	23.51	22.39	24.44	22.47
		1	37	23.49	24.40	23.40	23.55	24.38	23.72	24.37	24.31	23.50	22.25	24.23	22.06
		18	9	23.45	24.56	23.63	23.86	24.49	23.73	24.44	24.65	23.68	22.39	24.49	22.26
		36	0	23.60	24.43	23.61	23.84	24.63	23.88	24.62	24.42	23.43	22.43	24.66	22.34

OUTPUT POWER FOR 5G NR n41 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				501204	518598	535998	501204	518598	535998	501204	518598	535998	501204	518598	535998
20.0	BPSK	1	0	2506.0	2593.0	2680.0	2506.0	2593.0	2680.0	2506.0	2593.0	2680.0	2506.0	2593.0	2680.0
		1	1	24.70	25.86	24.49	24.98	25.85	24.76	25.48	25.84	24.40	23.33	25.91	23.39
		1	1	26.39	28.58	27.62	26.68	28.58	27.96	27.92	28.70	27.70	24.91	28.69	26.47
		1	49	27.70	28.70	27.70	28.00	28.58	28.00	28.70	28.55	27.65	26.50	28.70	26.50
		1	50	24.54	25.80	24.49	24.75	25.72	24.74	25.67	25.69	24.43	23.21	25.79	23.45
		25	12	27.29	28.67	27.70	27.39	28.60	28.00	28.50	28.70	27.70	26.08	28.70	26.50
		50	0	25.70	28.70	27.18	26.00	28.59	27.44	26.70	28.58	27.16	24.50	28.68	25.81
		1	0	24.69	25.85	24.48	24.97	25.84	24.75	25.47	25.83	24.39	23.32	25.90	23.38
		1	1	26.38	28.57	27.61	26.67	28.57	27.95	27.91	28.69	27.69	24.90	28.68	26.46
		1	49	27.69	28.69	27.69	27.99	28.57	27.99	28.69	28.54	27.64	26.49	28.69	26.49
	QPSK	1	50	24.53	25.79	24.48	24.74	25.71	24.73	25.66	25.68	24.42	23.20	25.78	23.44
		25	12	27.28	28.66	27.69	27.38	28.59	27.99	28.49	28.69	27.69	26.07	28.69	26.49
		50	0	25.69	28.69	27.17	25.99	28.58	27.43	26.69	28.57	27.15	24.49	28.67	25.80
		1	0	24.63	25.57	24.41	24.73	25.49	24.89	25.53	25.44	24.43	23.33	25.46	23.39
		1	1	26.95	27.82	26.94	27.21	27.65	27.11	27.92	27.89	26.72	25.57	27.88	25.74
	16QAM	1	49	26.80	27.85	26.80	27.23	27.72	27.15	27.80	27.92	26.90	25.57	27.82	25.61
		1	50	24.52	25.57	24.48	24.72	25.60	24.70	25.47	25.49	24.48	23.30	25.66	23.41
		25	12	26.72	27.78	26.76	27.15	27.66	27.03	27.73	27.76	26.88	25.55	27.76	25.53
		50	0	25.72	26.94	25.93	26.02	26.75	26.22	26.87	26.74	25.93	24.54	26.83	24.60
		1	0	24.28	25.26	24.25	24.71	25.29	24.57	25.39	25.24	24.22	23.30	25.27	23.00
	64QAM	1	1	25.20	26.23	25.25	25.73	26.13	25.64	26.32	26.34	25.31	24.03	26.24	24.09
		1	49	25.34	26.27	25.35	25.65	26.24	25.52	26.45	26.44	25.40	24.28	26.35	24.05
		1	50	24.25	25.32	24.20	24.69	25.36	24.63	25.29	25.25	24.23	23.00	25.39	23.19
		25	12	25.42	26.37	25.47	25.70	26.20	25.57	26.24	26.24	25.34	24.23	26.29	24.00
		50	0	25.40	26.49	25.45	25.67	26.20	25.65	26.31	26.50	25.49	24.00	26.23	24.07
	256QAM	1	0	23.32	24.49	23.20	23.60	24.33	23.64	24.27	24.38	23.21	22.16	24.21	22.24
		1	1	23.64	24.52	23.42	23.90	24.49	23.82	24.50	24.62	23.48	22.23	24.63	22.25
		1	49	23.47	24.68	23.55	23.89	24.46	23.86	24.64	24.41	23.49	22.27	24.42	22.34
		1	50	23.32	24.44	23.27	23.72	24.31	23.55	24.30	24.47	23.32	22.20	24.48	22.21
		25	12	23.48	24.49	23.62	23.98	24.33	23.70	24.60	24.64	23.56	22.45	24.43	22.29
		50	0	23.50	24.48	23.40	23.76	24.59	23.92	24.43	24.58	23.44	22.22	24.67	22.33
		50	0	23.50	24.48	23.40	23.76	24.59	23.92	24.43	24.58	23.44	22.22	24.67	22.33

OUTPUT POWER FOR 5G NR n41 (25.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				501702	518598	535500	501702	518598	535500	501702	518598	535500	501702	518598	535500
25.0	BPSK	1	0	2508.5	2593.0	2677.5	2508.5	2593.0	2677.5	2508.5	2593.0	2677.5	2508.5	2593.0	2677.5
		1	1	24.51	25.77	24.78	23.03	25.79	24.50	24.31	25.75	24.07	21.97	25.93	22.78
		1	1	26.85	28.70	27.64	26.65	28.70	28.00	28.03	28.70	27.70	24.80	28.70	26.50
		1	63	27.01	28.48	27.70	28.00	28.50	27.93	28.70	28.42	27.38	26.50	28.50	26.44
		1	64	24.29	25.71	24.78	24.42	25.67	24.42	25.05	25.56	24.02	22.93	25.76	22.63
		32	16	27.70	28.49	27.62	27.22	28.46	27.95	28.42	28.50	27.50	25.91	28.55	26.27
		64	0	26.99	28.39	27.64	25.86	28.45	27.60	27.85	28.46	27.10	24.74	28.57	25.88
		1	0	24.50	25.76	24.77	23.02	25.78	24.49	24.30	25.74	24.06	21.96	25.92	22.77
	QPSK	1	1	26.84	28.69	27.63	26.64	28.69	27.99	28.02	28.69	27.69	24.79	28.69	26.49
		1	63	26.99	28.47	27.69	27.99	28.49	27.92	28.69	28.41	27.37	26.49	28.49	26.43
		1	64	24.28	25.70	24.76	24.41	25.66	24.41	25.04	25.55	24.01	22.92	25.75	22.62
		32	16	27.69	28.48	27.61	27.21	28.45	27.94	28.41	28.49	27.49	25.90	28.54	26.26
		64	0	26.98	28.38	27.63	25.85	28.44	27.59	27.84	28.45	27.09	24.73	28.56	25.87
	16QAM	1	0	24.55	25.54	24.57	24.89	25.50	24.94	25.54	25.63	24.56	23.26	25.68	23.38
		1	1	26.78	27.87	26.84	27.25	27.81	27.04	27.90	27.77	26.87	25.59	27.95	25.52
		1	63	26.93	27.81	26.92	27.20	27.83	27.14	27.73	27.78	26.95	25.57	27.70	25.70
		1	64	24.64	25.45	24.49	25.00	25.41	24.99	25.57	25.64	24.40	23.45	25.59	23.35
		32	16	26.76	27.84	26.88	27.13	27.93	27.11	27.83	27.90	26.89	25.58	27.74	25.72
	64QAM	64	0	25.76	26.83	25.95	26.18	26.86	26.23	26.94	26.81	25.70	24.50	26.80	24.51
		1	0	24.29	25.22	24.32	24.54	25.24	24.72	25.49	25.47	24.28	23.29	25.23	23.01
		1	1	25.46	26.24	25.39	25.63	26.44	25.65	26.33	26.38	25.33	24.30	26.22	24.07
		1	63	25.45	26.23	25.50	25.55	26.43	25.59	26.21	26.46	25.40	24.21	26.22	24.16
		1	64	24.21	25.42	24.26	24.52	25.39	24.65	25.42	25.25	24.36	23.24	25.34	23.07
	256QAM	32	16	25.26	26.34	25.29	25.71	26.50	25.72	26.37	26.43	25.47	24.10	26.40	24.27
		64	0	25.22	26.23	25.21	25.80	26.49	25.53	26.32	26.28	25.31	24.15	26.23	24.10
		1	0	23.33	24.49	23.29	23.52	24.21	23.73	24.36	24.41	23.42	22.08	24.49	22.22
		1	1	23.57	24.62	23.64	23.88	24.41	23.91	24.61	24.68	23.42	22.25	24.50	22.37
		1	63	23.45	24.56	23.45	23.70	24.66	23.90	24.69	24.51	23.62	22.49	24.46	22.30
		1	64	23.30	24.39	23.27	23.51	24.22	23.73	24.43	24.43	23.37	22.24	24.31	22.20
		32	16	23.48	24.69	23.56	23.79	24.48	23.90	24.46	24.59	23.64	22.42	24.66	22.44
		64	0	23.68	24.56	23.66	23.97	24.50	23.93	24.47	24.68	23.60	22.29	24.56	22.31

OUTPUT POWER FOR 5G NR n41 (30.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				502200	518598	524996	502200	518598	524996	502200	518598	524996	502200	518598	524996
30.0	BPSK	1	0	2511.0	2593.0	2675.0	2511.0	2593.0	2675.0	2511.0	2593.0	2675.0	2511.0	2593.0	2675.0
		1	1	23.08	25.91	24.02	23.16	25.85	24.49	23.14	25.86	23.98	21.73	25.75	22.82
		1	1	26.32	28.70	27.70	26.65	28.70	27.98	27.95	28.70	27.70	24.64	28.58	26.50
		1	76	27.70	28.67	27.59	28.00	28.47	28.00	28.70	28.44	27.60	26.50	28.70	26.35
		1	77	23.20	25.84	23.98	24.61	25.62	24.39	23.95	25.62	23.94	22.91	25.68	22.83
		36	18	27.00	28.65	27.51	27.34	28.45	27.91	28.38	28.56	27.67	25.80	28.50	26.47
	QPSK	75	0	25.70	28.50	27.04	26.00	28.40	27.44	26.70	28.47	27.01	24.50	28.44	25.89
		1	0	23.07	25.90	24.01	23.15	25.84	24.48	23.13	25.85	23.97	21.72	25.74	22.81
		1	1	26.30	28.69	27.69	26.64	28.69	27.97	27.94	28.68	27.69	24.63	28.57	26.49
		1	76	27.69	28.66	27.58	27.99	28.46	27.99	28.69	28.43	27.58	26.49	28.68	26.34
		1	77	23.18	25.83	23.97	24.60	25.61	24.38	23.94	25.61	23.93	22.90	25.67	22.82
		36	18	26.99	28.63	27.50	27.33	28.44	27.89	28.37	28.55	27.66	25.79	28.49	26.46
	16QAM	75	0	25.69	28.48	27.02	25.99	28.38	27.42	26.69	28.45	26.99	24.49	28.42	25.87
		1	0	24.70	25.64	24.48	24.97	25.51	24.94	25.52	25.58	24.68	23.39	25.40	23.28
		1	1	26.89	27.87	26.82	27.07	27.94	27.15	27.85	27.80	26.95	25.74	27.90	25.57
		1	76	26.80	27.94	26.83	27.04	27.77	27.23	27.85	27.90	26.93	25.75	27.79	25.52
		1	77	24.57	25.70	24.68	24.99	25.43	24.90	25.52	25.64	24.67	23.22	25.54	23.25
		36	18	26.75	27.74	26.83	27.22	27.93	27.02	27.71	27.92	26.91	25.62	27.81	25.51
	64QAM	75	0	25.70	26.83	25.76	26.00	26.95	26.11	26.70	26.80	25.71	24.50	26.91	24.63
		1	0	24.42	25.48	24.26	24.58	25.23	24.72	25.50	25.25	24.41	23.03	25.36	23.20
		1	1	25.26	26.37	25.33	25.64	26.37	25.60	26.22	26.49	25.41	24.05	26.20	24.07
		1	76	25.29	26.38	25.35	25.50	26.23	25.80	26.21	26.28	25.45	24.16	26.33	24.20
		1	77	24.29	25.28	24.50	24.53	25.46	24.58	25.38	25.48	24.25	23.07	25.25	23.17
		36	18	25.23	26.49	25.37	25.64	26.45	25.57	26.30	26.40	25.39	24.05	26.44	24.25
	256QAM	75	0	25.29	26.30	25.45	25.72	26.43	25.73	26.30	26.34	25.36	24.02	26.28	24.02
		1	0	23.49	24.24	23.48	23.63	24.32	23.59	24.47	24.33	23.27	22.11	24.40	22.21
		1	1	23.40	24.61	23.59	24.00	24.59	23.92	24.67	24.59	23.56	22.26	24.59	22.38
		1	76	23.43	24.50	23.66	23.84	24.45	23.97	24.59	24.70	23.60	22.36	24.45	22.30
		1	77	23.37	24.38	23.30	23.63	24.38	23.57	24.20	24.22	23.45	22.02	24.22	22.14
		36	18	23.68	24.61	23.52	23.91	24.54	23.78	24.51	24.49	23.65	22.21	24.68	22.49
		75	0	23.68	24.69	23.66	23.77	24.57	23.71	24.70	24.53	23.41	22.25	24.66	22.33

OUTPUT POWER FOR 5G NR n41 (35.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				502704	518598	534498	502704	518598	534498	502704	518598	534498	502704	518598	534498
35.0	BPSK	1	0	2513.5	2593.0	2672.5	2513.5	2593.0	2672.5	2513.5	2593.0	2672.5	2513.5	2593.0	2672.5
		1	1	24.41	26.40	24.92	24.72	26.12	24.97	25.61	26.45	25.07	23.29	26.35	23.40
		1	1	27.09	28.70	27.50	26.11	28.70	28.00	27.73	28.54	27.70	24.19	27.62	26.49
		1	90	27.70	28.28	27.70	28.00	28.51	27.95	28.70	28.51	26.91	26.50	27.21	26.50
		1	91	24.66	26.35	25.01	25.05	26.11	24.82	25.70	26.40	25.18	24.19	26.55	23.46
		45	22	27.30	28.38	27.63	26.86	28.57	27.94	28.51	28.70	27.47	25.49	28.70	26.49
	QPSK	90	0	25.70	28.70	27.70	26.00	28.70	28.00	26.70	28.70	27.70	24.50	28.70	26.50
		1	0	24.40	26.39	24.91	24.71	26.11	24.96	25.60	26.44	25.06	23.28	26.34	23.39
		1	1	27.08	28.69	27.49	26.10	28.69	27.99	27.71	28.53	27.69	24.18	27.61	26.48
		1	90	27.69	28.27	27.69	27.99	28.50	27.94	28.69	28.50	26.90	26.49	27.20	26.49
		1	91	24.65	26.34	25.00	25.04	26.10	24.81	25.69	26.39	25.17	24.18	26.54	23.45
		45	22	27.29	28.37	27.61	26.85	28.56	27.93	28.50	28.69	27.46	25.48	28.69	26.48
	16QAM	90	0	25.69	28.69	27.69	25.99	28.69	27.99	26.69	28.69	27.69	24.49	28.69	26.49
		1	0	24.65	25.62	24.54	24.99	25.45	24.88	25.70	25.59	24.67	23.20	25.69	23.49
		1	1	26.72	27.82	26.78	27.23	27.89	27.09	27.85	27.77	26.79	25.57	27.75	25.62
		1	90	26.71	27.82	26.76	27.12	27.72	27.21	27.78	27.77	26.70	25.69	27.73	25.56
		1	91	24.54	25.61	24.47	24.92	25.43	24.72	25.60	25.69	24.46	23.20	25.60	23.25
		45	22	26.79	27.88	26.70	27.03	27.77	27.19	27.82	27.88	26.74	25.60	27.83	25.67
	64QAM	90	0	25.70	26.90	25.74	26.00	26.78	26.03	26.70	26.83	25.83	24.50	26.80	24.72
		1	0	24.39	25.48	24.50	24.61	25.31	24.80	25.43	25.20	24.29	23.04	25.27	23.14
		1	1	25.36	26.47	25.48	25.70	26.28	25.68	26.33	26.21	25.44	24.07	26.20	24.04
		1	90	25.35	26.31	25.44	25.79	26.30	25.61	26.25	26.39	25.21	24.15	26.32	24.21
		1	91	24.34	25.48	24.36	24.61	25.40	24.76	25.42	25.34	24.48	23.00	25.32	23.25
		45	22	25.50	26.39	25.44	25.51	26.43	25.60	26.43	26.43	25.44	24.04	26.24	24.06
	256QAM	90	0	25.44	26.41	25.23	25.52	26.41	25.50	26.35	26.21	25.39	24.22	26.20	24.26
		1	0	23.35	24.43	23.32	23.70	24.20	23.57	24.25	24.47	23.30	22.07	24.41	22.07
		1	1	23.57	24.44	23.70	23.93	24.42	23.76	24.41	24.40	23.62	22.23	24.67	22.31
		1	90	23.50	24.65	23.63	23.96	24.57	23.71	24.57	24.63	23.50	22.39	24.67	22.42
		1	91	23.45	24.49	23.29	23.61	24.24	23.62	24.23	24.22	23.26	22.22	24.33	22.26
		45	22	23.40	24.46	23.64	23.81	24.68	23.91	24.42	24.58	23.52	22.24	24.55	22.50
		90	0	23.49	24.65	23.46	23.73	24.49	23.90	24.50	24.43	23.61	22.30	24.69	22.31

OUTPUT POWER FOR 5G NR n41 (40.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				503202	518598	534000	503202	518598	534000	503202	518598	534000	503202	518598	534000
40.0	BPSK	1	0	25.16.0	25.93.0	26.70.0	25.16.0	25.93.0	26.70.0	25.16.0	25.93.0	26.70.0	25.16.0	25.93.0	26.70.0
		1	1	24.53	25.91	24.50	24.95	25.86	25.11	25.51	25.87	24.57	23.23	27.18	24.95
		1	1	25.77	28.58	27.70	26.51	28.69	27.97	27.71	28.65	27.54	24.88	28.70	26.38
		1	104	27.70	28.60	27.59	28.00	28.59	27.93	28.70	28.30	27.51	26.50	28.55	26.43
		1	105	24.47	25.74	24.43	24.96	25.76	25.07	25.68	25.54	24.45	23.37	27.12	25.04
		50	25	26.42	28.70	27.47	27.33	28.70	28.00	28.45	28.70	27.70	26.20	28.68	26.50
		100	0	26.54	28.56	27.21	25.99	28.64	27.98	28.01	28.48	26.98	25.12	28.65	26.49
		1	0	24.52	25.90	24.49	24.94	25.85	25.10	25.50	25.86	24.56	23.22	27.17	24.94
		1	1	25.75	28.57	27.69	26.50	28.68	27.96	27.70	28.64	27.53	24.87	28.69	26.37
		1	104	27.69	28.59	27.58	27.99	28.58	27.92	28.69	28.29	27.50	26.49	28.54	26.42
	QPSK	1	105	24.46	25.73	24.42	24.95	25.75	25.06	25.67	25.53	24.44	23.36	27.11	25.03
		50	25	26.41	28.69	27.46	27.32	28.69	27.99	28.44	28.69	27.69	26.19	28.67	26.49
		100	0	26.53	28.55	27.20	25.98	28.63	27.97	28.00	28.47	26.97	25.11	28.64	26.48
		1	0	24.61	25.52	24.69	24.88	25.58	24.75	25.59	25.53	24.58	23.45	25.59	23.42
		1	1	26.70	27.81	26.93	27.21	27.72	27.23	27.89	27.89	26.84	25.72	27.77	25.70
		1	104	26.73	27.70	26.82	27.10	27.86	27.24	27.94	27.78	26.87	25.61	27.70	25.72
	16QAM	1	105	24.42	25.53	24.65	24.83	25.67	24.96	25.40	25.56	24.66	23.35	25.62	23.36
		50	25	26.73	27.85	26.72	27.09	27.87	27.20	27.82	27.94	26.87	25.74	27.86	25.65
		100	0	25.84	26.88	25.80	26.02	26.82	26.07	26.89	26.71	25.77	24.64	26.91	24.58
		1	0	24.33	25.49	24.32	24.55	25.29	24.58	25.44	25.40	24.22	23.08	25.43	23.03
		1	1	25.40	26.30	25.41	25.62	26.39	25.58	26.22	26.29	25.27	24.20	26.49	24.08
		1	104	25.26	26.43	25.40	25.71	26.20	25.66	26.34	26.43	25.39	24.20	26.45	24.19
	64QAM	1	105	24.47	25.37	24.36	24.72	25.45	24.79	25.28	25.34	24.41	23.13	25.23	23.10
		50	25	25.39	26.35	25.38	25.74	26.28	25.67	26.38	26.29	25.45	24.15	26.33	24.18
		100	0	25.28	26.40	25.22	25.74	26.37	25.66	26.39	26.46	25.34	24.27	26.28	24.12
		1	0	23.42	24.36	23.29	23.52	24.33	23.66	24.28	24.36	23.31	22.28	24.43	22.20
		1	1	23.52	24.49	23.50	23.75	24.42	23.97	24.51	24.68	23.44	22.20	24.40	22.21
		1	104	23.50	24.52	23.40	23.84	24.51	23.86	24.57	24.64	23.49	22.30	24.52	22.41
	256QAM	1	105	23.36	24.33	23.40	23.60	24.40	23.76	24.48	24.30	23.48	22.17	24.39	22.23
		50	25	23.48	24.66	23.70	23.97	24.41	23.98	24.61	24.70	23.50	22.48	24.61	22.32
		100	0	23.44	24.50	23.43	23.80	24.58	23.89	24.56	24.42	23.54	22.29	24.47	22.50

OUTPUT POWER FOR 5G NR n41 (45.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				503700	518598	533496	503700	518598	533496	503700	518598	533496	503700	518598	533496
45.0	BPSK	1	0	25.18.5	25.93.0	26.67.5	25.18.5	25.93.0	26.67.5	25.18.5	25.93.0	26.67.5	25.18.5	25.93.0	26.67.5
		1	1	26.87	28.70	27.66	25.97	28.70	27.98	27.70	27.93	27.28	24.20	28.70	26.41
		1	117	27.70	28.27	27.70	28.00	28.51	27.97	28.70	28.70	27.70	26.50	28.64	26.50
		1	118	24.46	25.90	24.92	25.12	25.74	25.20	25.57	25.78	24.48	23.20	25.70	23.64
		54	27	27.32	28.29	27.64	26.62	28.55	28.00	28.35	28.25	27.02	25.26	28.63	26.42
		108	0	25.70	28.11	27.53	26.00	28.56	27.92	26.70	27.98	26.68	24.50	28.62	26.35
		1	0	24.62	25.89	24.72	24.81	25.85	25.13	25.62	25.82	24.63	23.23	25.87	23.52
		1	1	26.86	28.69	27.64	25.96	28.69	27.97	27.69	27.92	27.27	24.19	28.69	26.40
		1	117	27.69	28.26	27.69	27.99	28.50	27.96	28.69	28.69	27.69	26.49	28.63	26.49
		1	118	24.45	25.89	24.90	25.11	25.73	25.19	25.56	25.77	24.47	23.19	25.69	23.63
	QPSK	54	27	27.31	28.27	27.63	26.61	28.54	27.99	28.34	28.24	27.01	25.25	28.62	26.41
		108	0	25.69	28.10	27.52	25.99	28.55	27.91	26.69	27.97	26.67	24.49	28.61	26.34
		1	0	24.63	25.52	24.69	24.77	25.59	24.87	25.65	25.55	24.48	23.47	25.57	23.50
		1	1	26.95	27.88	26.84	27.12	27.71	27.18	27.76	27.88	26.77	25.61	27.83	25.59
		1	117	26.76	27.78	26.81	27.16	27.73	27.13	27.92	27.94	26.95	25.55	27.79	25.58
		1	118	24.54	25.51	24.50	24.75	25.51	24.85	25.65	25.62	24.49	23.24	25.63	23.20
	16QAM	54	27	26.72	27.86	26.85	27.00	27.84	27.08	27.87	27.87	26.88	25.61	27.85	25.70
		108	0	25.70	26.72	25.78	26.00	26.89	26.03	26.70	26.94	25.71	24.50	26.75	24.64
		1	0	24.31	25.48	24.39	24.60	25.36	24.61	25.45	25.29	24.33	23.08	25.29	23.08
		1	1	25.25	26.21	25.43	25.70	26.26	25.58	26.48	26.35	25.42	24.03	26.31	24.24
		1	117	25.37	26.34	25.39	25.59	26.28	25.63	26.31	26.50	25.25	24.10	26.48	24.30
		1	118	24.40	25.21	24.50	24.79	25.34	24.69	25.25	25.22	24.32	23.08	25.36	23.28
	64QAM	54	27	25.39	26.22	25.30	25.71	26.29	25.56	26.36	26.31	25.25	24.10	26.48	24.30
		108	0	25.49	26.45	25.24	25.74	26.37	25.80	26.38	26.50	25.34	24.24	26.47	24.30
		1	0	23.30	24.27	23.48	23.50	24.46	23.72	24.48	24.40	23.40	22.18	24.35	22.26
		1	1	23.67	24.66	23.41	23.99	24.46	23.95	24.50	24.55	23.58	22.30	24.62	22.35
		1	117	23.56	24.44	23.40	23.81	24.54	23.71	24.67	24.42	23.69	22.31	24.66	22.43
		1	118	23.39	24.32	23.50	23.63	24.41	23.79	24.48	24.42	23.26	22.01	24.37	22.17
	256QAM	54	27	23.68	24.66	23.63	23.74	24.64	23.90	24.53	24.61	23.48	22.31	24.68	22.46
		108	0	23.48	24.69	23.57	24.00	24.65	23.99	24.51	24.40	23.52	22.24	24.48	22.33

OUTPUT POWER FOR 5G NR n41 (50.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				504204	518598	532998	504204	518598	532998	504204	518598	532998	504204	518598	532998
50.0	BPSK	1	0	2521.0	2593.0	2665.0	2521.0	2593.0	2665.0	2521.0	2593.0	2665.0	2521.0	2593.0	2665.0
		1	1	24.40	25.91	24.49	24.84	25.87	25.10	25.65	25.76	24.58	23.21	25.75	23.57
		1	131	25.68	28.70	27.35	26.48	28.70	27.93	27.03	28.70	27.70	24.88	28.70	26.50
		1	132	27.70	28.52	27.70	28.00	28.48	27.82	28.70	28.50	27.56	26.50	28.65	26.34
		1	132	24.65	25.85	24.70	24.72	25.56	25.11	25.58	25.60	24.48	23.42	25.77	23.46
		64	32	26.20	28.48	27.25	27.17	28.61	28.00	27.22	28.44	27.63	26.22	28.66	26.43
	QPSK	128	0	26.71	28.36	26.97	25.73	28.57	27.97	27.55	28.05	26.94	24.98	28.59	26.34
		1	0	24.39	25.90	24.48	24.83	25.86	25.09	25.64	25.75	24.57	23.20	25.74	23.56
		1	1	25.67	28.69	27.34	26.47	28.69	27.92	27.02	28.69	27.69	24.87	28.69	26.49
		1	131	27.69	28.51	27.69	27.99	28.47	27.81	28.69	28.49	27.55	26.49	28.64	26.33
		1	132	24.64	25.84	24.69	24.71	25.55	25.10	25.57	25.59	24.47	23.41	25.76	23.45
		64	32	26.19	28.47	27.24	27.16	28.60	27.99	27.21	28.43	27.62	26.21	28.65	26.42
	16QAM	128	0	26.70	28.35	26.96	25.72	28.56	27.96	27.54	28.04	26.93	24.97	28.58	26.33
		1	0	24.47	25.55	24.65	24.72	25.51	24.99	25.45	25.61	24.58	23.43	25.68	23.33
		1	1	26.89	27.70	26.85	27.00	27.87	27.02	27.83	27.78	26.86	25.61	27.91	25.54
		1	131	26.72	27.94	26.86	27.13	27.92	27.11	27.74	27.82	26.91	25.65	27.70	25.74
		1	132	24.50	25.49	24.56	24.73	25.65	24.95	25.43	25.55	24.66	23.41	25.41	23.38
		64	32	26.73	27.87	26.72	27.07	27.82	27.04	27.70	27.82	26.72	25.54	27.78	25.64
	64QAM	128	0	25.77	26.72	25.81	26.19	26.85	26.15	26.74	26.70	25.87	24.57	26.75	24.65
		1	0	24.32	25.26	24.39	24.50	25.23	24.78	25.45	25.26	24.36	23.07	25.39	23.25
		1	1	25.33	26.27	25.41	25.70	26.29	25.54	26.33	26.27	25.25	24.15	26.46	24.25
		1	131	25.31	26.40	25.20	25.68	26.36	25.80	26.47	26.34	25.25	24.18	26.49	24.00
		1	132	24.43	25.37	24.39	24.73	25.24	24.61	25.33	25.22	24.48	23.17	25.30	23.09
		64	32	25.24	26.21	25.39	25.55	26.35	25.79	26.35	26.46	25.47	24.04	26.21	24.09
	256QAM	128	0	25.31	26.43	25.25	25.73	26.39	25.54	26.23	26.46	25.20	24.15	26.30	24.06
		1	0	23.28	24.28	23.45	23.80	24.38	23.60	24.28	24.34	23.47	22.21	24.47	22.14
		1	1	23.47	24.55	23.47	23.71	24.56	24.00	24.67	24.59	23.57	22.24	24.60	22.20
		1	131	23.41	24.53	23.49	23.91	24.44	23.82	24.41	24.49	23.52	22.43	24.65	22.50
		1	132	23.43	24.45	23.29	23.66	24.35	23.66	24.31	24.50	23.34	22.18	24.21	22.05
		64	32	23.44	24.60	23.60	23.81	24.57	23.90	24.47	24.54	23.68	22.26	24.49	22.31
		128	0	23.51	24.59	23.45	23.92	24.51	23.79	24.69	24.57	23.49	22.28	24.54	22.31

OUTPUT POWER FOR 5G NR n41 (60.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				505200	518598	531996	505200	518598	531996	505200	518598	531996	505200	518598	531996
60.0	BPSK	1	0	2526.0	2593.0	2660.0	2526.0	2593.0	2660.0	2526.0	2593.0	2660.0	2526.0	2593.0	2660.0
		1	1	24.43	25.97	24.85	24.91	25.91	25.11	25.56	25.92	25.05	23.41	25.95	23.71
		1	160	25.74	28.69	27.54	26.36	28.70	27.96	27.02	28.70	27.70	24.69	28.70	26.43
		1	161	27.70	28.70	27.70	28.00	28.58	28.00	28.70	28.44	27.70	26.50	28.70	26.50
		1	161	24.53	25.91	24.97	24.95	25.83	25.16	25.43	25.64	24.92	23.40	25.84	23.61
		81	40	26.76	28.47	27.40	27.13	28.58	27.94	27.04	28.35	27.47	26.02	28.59	26.39
	QPSK	162	0	26.54	28.46	27.53	25.72	28.36	27.85	27.49	28.34	27.17	24.81	28.44	26.23
		1	0	24.42	25.96	24.84	24.90	25.50	25.10	25.55	25.91	25.04	23.40	25.94	23.70
		1	1	25.73	28.68	27.53	26.35	28.69	27.95	27.01	28.69	27.69	24.68	28.69	26.42
		1	160	27.69	28.69	27.69	27.99	28.57	27.99	28.69	28.43	27.69	26.49	28.69	26.49
		1	161	24.52	25.90	24.96	24.94	25.82	25.15	25.42	25.63	24.91	23.39	25.83	23.60
		81	40	26.75	28.46	27.39	27.12	28.57	27.93	27.03	28.34	27.46	26.01	28.58	26.38
	16QAM	162	0	26.53	28.45	27.52	25.71	28.35	27.84	27.48	28.33	27.16	24.80	28.43	26.22
		1	0	24.50	25.41	24.45	24.86	25.55	24.71	25.64	25.70	24.50	23.50	25.57	23.45
		1	1	26.84	27.83	26.95	27.14	27.89	27.10	27.83	27.85	26.84	25.59	27.72	25.53
		1	160	26.83	27.79	26.73	27.09	27.74	27.24	27.78	27.73	26.73	25.70	27.91	25.62
		1	161	24.50	25.58	24.51	24.76	25.52	24.87	25.56	25.63	24.70	23.29	25.64	23.29
		81	40	26.84	27.76	26.81	27.17	27.71	27.14	27.90	27.90	26.86	25.67	27.87	25.71
	64QAM	162	0	25.84	26.76	25.79	26.02	26.93	26.04	26.70	26.93	25.76	24.74	26.79	24.69
		1	0	24.33	25.46	24.21	24.74	25.40	24.64	25.38	25.26	24.47	23.16	25.32	23.16
		1	1	25.48	26.49	25.36	25.64	26.22	25.63	26.41	26.48	25.33	24.11	26.24	24.13
		1	160	25.27	26.26	25.44	25.79	26.30	25.63	26.41	26.48	25.43	24.14	26.39	24.29
		1	161	24.20	25.39	24.31	24.53	25.27	24.68	25.34	25.49	24.23	23.06	25.42	23.26
		81	40	25.28	26.30	25.48	25.79	26.37	25.74	26.44	26.25	25.41	24.15	26.24	24.02
	256QAM	162	0	25.40	26.42	25.25	25.63	26.24	25.57	26.34	26.20	25.48	24.26	26.28	24.28
		1	0	23.30	24.45	23.44	23.54	24.47	23.80	24.41	24.27	23.21	22.18	24.24	22.21
		1	1	23.49	24.57	23.57	23.86	24.55	23.89	24.42	24.48	23.69	22.35	24.53	22.21
		1	160	23.44	24.41	23.69	23.78	24.51	23.92	24.44	24.61	23.48	22.38	24.65	22.34
		1	161	23.21	24.42	23.48	23.76	24.42	23.60	24.48	24.33	23.49	22.06	24.49	22.17
		81	40	23.49	24.45	23.46	23.72	24.52	23.88	24.46	24.50	23.52	22.50	24.64	22.27
		162	0	23.57	24.58	23.58	23.74	24.61	23.90	24.45	24.67	23.54	22.39	24.40	22.46

OUTPUT POWER FOR 5G NR n41 (70.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				506202	518598	531000	506202	518598	531000	506202	518598	531000	506202	518598	531000
70.0	BPSK	1	0	24.69	25.60	24.63	24.92	25.55	25.36	25.55	26.30	24.77	23.41	25.49	24.35
		1	1	25.26	26.78	27.56	26.53	27.82	26.94	26.01	27.23	27.70	21.68	25.32	26.50
		1	187	27.70	28.66	27.70	28.00	27.82	26.44	28.70	28.45	26.98	26.50	28.06	24.96
		1	188	24.84	25.83	25.03	25.37	25.97	25.35	25.99	25.83	24.72	24.31	25.87	24.06
		90	45	26.09	28.68	27.29	27.00	28.68	28.00	27.24	28.70	27.06	25.40	28.70	26.36
		180	0	26.70	28.70	27.70	26.70	28.70	27.71	26.70	28.70	27.09	26.50	28.26	26.09
	QPSK	1	0	24.68	25.59	24.62	24.91	25.54	25.35	25.54	26.29	24.76	23.40	25.48	24.34
		1	1	25.24	26.77	27.55	26.52	27.81	26.93	26.00	27.22	27.69	21.67	25.31	26.49
		1	187	27.69	28.65	27.69	27.99	27.81	26.43	28.69	28.44	26.97	26.49	28.05	24.95
		1	188	24.83	25.82	25.02	25.36	25.96	25.34	25.98	25.82	24.71	24.30	25.86	24.05
		90	45	26.08	28.67	27.28	26.99	28.67	27.99	27.23	28.69	27.05	25.39	28.69	26.35
		180	0	25.86	28.69	27.69	25.44	28.69	27.70	26.70	28.69	27.08	23.10	28.25	26.08
	16QAM	1	0	24.42	25.44	24.46	24.88	25.61	24.95	25.42	25.50	24.55	23.48	25.58	23.44
		1	1	26.76	27.87	26.84	27.02	27.74	27.02	27.95	27.76	26.87	25.53	27.77	25.56
		1	187	26.83	27.94	26.94	27.22	27.74	27.04	27.82	27.78	26.82	25.55	27.79	25.56
		1	188	24.67	25.42	24.43	24.83	25.46	24.86	25.53	25.49	24.61	23.37	25.47	23.29
		90	45	26.76	27.81	26.74	27.00	27.83	27.25	27.89	27.86	26.94	25.63	27.89	25.59
		180	0	25.90	26.85	25.91	26.02	26.76	26.24	26.70	26.72	25.75	24.69	26.72	24.56
	64QAM	1	0	24.20	25.46	24.21	24.79	25.30	24.80	25.32	25.33	24.43	23.06	25.48	23.17
		1	1	25.21	26.32	25.50	25.61	26.23	25.63	26.21	26.43	25.25	24.13	26.39	24.12
		1	187	25.39	26.39	25.30	25.75	26.50	25.70	26.41	26.35	25.39	24.21	26.28	24.19
		1	188	24.40	25.40	24.36	24.71	25.20	24.70	25.43	25.28	24.45	23.07	25.35	23.20
		90	45	25.23	26.39	25.31	25.71	26.22	25.72	26.46	26.48	25.34	24.23	26.39	24.18
		180	0	25.27	26.25	25.50	25.60	26.46	25.57	26.35	26.25	25.28	24.20	26.26	24.11
	256QAM	1	0	23.37	24.21	23.26	23.78	24.23	23.80	24.30	24.47	23.46	22.25	24.31	22.23
		1	1	23.45	24.61	23.69	23.93	24.52	23.75	24.67	24.47	23.69	22.45	24.41	22.48
		1	187	23.69	24.61	23.45	23.75	24.47	23.94	24.43	24.62	23.64	22.24	24.54	22.30
		1	188	23.46	24.24	23.21	23.67	24.20	23.56	24.28	24.48	23.49	22.00	24.47	22.15
		90	45	23.42	24.67	23.59	23.80	24.43	23.70	24.58	24.54	23.55	22.25	24.59	22.45
		180	0	23.43	24.59	23.65	23.83	24.48	23.96	24.50	24.67	23.55	22.50	24.60	22.24

OUTPUT POWER FOR 5G NR n41 (80.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				507204	518598	529998	507204	518598	529998	507204	518598	529998	507204	518598	529998
80.0	BPSK	1	0	24.52	25.70	24.79	24.92	25.68	25.50	25.95	26.34	24.89	23.38	25.59	24.19
		1	1	25.49	26.40	27.45	25.33	25.63	27.75	26.56	27.46	27.70	21.68	25.55	26.50
		1	215	27.70	28.70	27.70	28.00	27.57	27.13	28.70	28.11	26.87	26.50	27.54	24.80
		1	216	24.79	25.92	24.92	25.26	25.91	25.23	26.32	25.77	24.53	24.51	25.94	24.11
		108	54	26.10	28.64	27.56	27.19	28.70	28.00	27.79	28.70	27.01	25.51	28.70	26.50
		216	0	26.70	28.66	26.25	26.70	28.57	27.74	26.70	28.54	25.44	26.50	28.13	26.11
	QPSK	1	0	24.51	25.69	24.78	24.91	25.67	25.49	25.94	26.33	24.88	23.37	25.58	24.18
		1	1	25.48	26.39	27.44	25.32	25.62	27.74	26.55	27.45	27.69	21.67	25.54	26.49
		1	215	27.69	28.69	27.69	27.99	27.56	27.12	28.69	28.10	26.86	26.49	27.53	24.79
		1	216	24.78	25.91	24.91	25.25	25.90	25.22	26.31	25.76	24.52	24.50	25.93	24.10
		108	54	26.08	28.63	27.55	27.18	28.69	27.99	27.78	28.69	27.00	25.50	28.69	26.49
		216	0	25.78	28.65	26.24	25.13	28.56	27.73	26.70	28.53	25.43	23.40	28.12	26.10
	16QAM	1	0	24.50	25.42	24.57	24.94	25.67	24.73	25.61	25.60	24.65	23.33	25.63	23.41
		1	1	26.90	27.83	26.81	27.11	27.82	27.03	27.83	27.75	26.81	25.74	27.78	25.69
		1	215	26.73	27.88	26.91	27.04	27.94	27.25	27.77	27.92	26.87	25.67	27.73	25.64
		1	216	24.53	25.68	24.52	24.70	25.48	24.86	25.44	25.44	24.56	23.40	25.42	23.41
		108	54	26.78	27.87	26.92	27.14	27.74	27.08	27.77	27.82	26.92	25.64	27.71	25.57
		216	0	25.90	26.75	25.86	26.25	26.90	26.06	26.70	26.90	25.80	24.74	26.70	24.64
	64QAM	1	0	24.25	25.20	24.34	24.80	25.37	24.61	25.29	25.20	24.40	23.30	25.29	23.23
		1	1	25.35	26.26	25.32	25.76	26.30	25.74	26.25	26.25	25.27	24.03	26.20	24.25
		1	215	25.26	26.43	25.25	25.52	26.29	25.64	26.27	26.46	25.21	24.06	26.45	24.21
		1	216	24.33	25.38	24.21	24.78	25.31	24.77	25.37	25.36	24.37	23.11	25.41	23.23
		108	54	25.42	26.42	25.23	25.57	26.29	25.75	26.35	26.37	25.37	24.20	26.40	24.06
		216	0	25.36	26.24	25.37	25.69	26.42	25.50	26.23	26.50	25.38	24.14	26.26	24.16
	256QAM	1	0	23.50	24.33	23.24	23.76	24.34	23.72	24.32	24.21	23.29	22.25	24.36	22.11
		1	1	23.48	24.55	23.63	23.71	24.64	23.73	24.58	24.67	23.62	22.27	24.60	22.47
		1	215	23.44	24.62	23.51	23.73	24.49	23.91	24.44	24.52	23.40	22.47	24.42	22.28
		1	216	23.31	24.40	23.41	23.76	24.34	23.61	24.26	24.33	23.38	22.17	24.26	22.17
		108	54	23.64	24.59	23.66	23.91	24.41	23.86	24.61	24.48	23.61	22.42	24.43	22.43
		216	0	23.48	24.41	23.51	23.90	24.56	23.96	24.64	24.43	23.51	22.22	24.51	22.35

OUTPUT POWER FOR 5G NR n41 (90.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				508200	518598	528996	508200	518598	528996	508200	518598	528996	508200	518598	528996
90.0	BPSK	1	0	2541.0	2593.0	2645.0	2541.0	2593.0	2645.0	2541.0	2593.0	2645.0	2541.0	2593.0	2645.0
		1	1	24.67	25.54	24.93	24.85	25.50	25.12	25.95	26.55	25.34	23.49	25.50	24.54
		1	1	26.48	26.88	27.59	25.50	26.18	28.00	26.46	27.54	27.70	21.97	25.59	26.50
		1	243	27.70	28.70	27.70	28.00	27.43	26.59	28.70	28.14	26.76	26.50	27.87	25.07
		1	244	24.94	25.73	25.10	25.55	26.23	25.11	26.29	26.13	24.78	24.88	25.95	24.11
		120	60	26.32	28.43	27.54	27.30	28.70	27.40	27.92	28.70	27.13	25.79	28.70	26.35
	QPSK	243	0	26.70	28.34	27.02	26.70	28.67	27.32	26.70	28.36	26.82	26.50	28.48	26.32
		1	0	24.66	25.53	24.92	24.84	25.49	25.11	25.94	26.54	25.33	23.48	25.49	24.53
		1	1	26.47	26.86	27.58	25.49	26.17	27.99	26.45	27.53	27.69	21.96	25.58	26.49
		1	243	27.69	28.69	27.69	27.99	27.42	26.58	28.69	28.13	26.75	26.49	27.86	25.06
		1	244	24.93	25.72	25.09	25.54	26.22	25.10	26.28	26.12	24.77	24.87	25.94	24.10
		120	60	26.31	28.42	27.53	27.29	28.69	27.39	27.91	28.69	27.12	25.78	28.69	26.34
	16QAM	243	0	26.34	28.33	27.01	25.48	28.66	27.31	26.70	28.35	26.81	23.59	28.47	26.31
		1	0	24.40	25.40	24.46	24.97	25.64	24.74	25.51	25.41	24.70	23.27	25.63	23.50
		1	1	26.90	27.73	26.86	27.19	27.82	27.02	27.95	27.78	26.77	25.73	27.92	25.68
		1	243	26.84	27.95	26.84	27.06	27.80	27.20	27.85	27.70	26.84	25.51	27.72	25.67
		1	244	24.41	25.56	24.47	24.89	25.64	24.99	25.47	25.63	24.42	23.29	25.42	23.28
		120	60	26.76	27.79	26.93	27.13	27.86	27.01	27.77	27.81	26.78	25.56	27.79	25.50
	64QAM	243	0	25.73	26.95	25.85	26.18	26.79	26.19	26.70	26.87	25.71	24.62	26.78	24.70
		1	0	24.49	25.27	24.41	24.58	25.23	24.60	25.50	25.46	24.35	23.23	25.43	23.10
		1	1	25.31	26.29	25.22	25.50	26.29	25.79	26.23	26.40	25.26	24.18	26.29	24.02
		1	243	25.44	26.21	25.21	25.57	26.48	25.73	26.25	26.44	25.45	24.11	26.42	24.18
		1	244	24.35	25.35	24.24	24.62	25.30	24.77	25.25	25.30	24.46	23.26	25.39	23.30
		120	60	25.47	26.39	25.29	25.79	26.20	25.66	26.42	26.24	25.39	24.25	26.42	24.16
	256QAM	243	0	25.41	26.46	25.24	25.80	26.29	25.56	26.26	26.48	25.50	24.06	26.32	24.19
		1	0	23.23	24.26	23.20	23.80	24.20	23.71	24.27	24.48	23.44	22.18	24.41	22.10
		1	1	23.46	24.42	23.58	23.87	24.52	23.73	24.40	24.67	23.68	22.33	24.66	22.34
		1	243	23.63	24.52	23.63	23.81	24.51	23.90	24.60	24.60	23.52	22.42	24.53	22.49
		1	244	23.38	24.45	23.32	23.63	24.30	23.54	24.26	24.34	23.34	22.09	24.24	22.17
		120	60	23.42	24.61	23.59	23.75	24.48	23.71	24.45	24.43	23.50	22.28	24.41	22.39
		243	0	23.70	24.62	23.49	23.70	24.66	23.96	24.64	24.70	23.62	22.35	24.63	22.43

OUTPUT POWER FOR 5G NR n41 (100.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				509202	518598	528000	509202	518598	528000	509202	518598	528000	509202	518598	528000
100.0	BPSK	1	0	2546.0	2593.0	2640.0	2546.0	2593.0	2640.0	2546.0	2593.0	2640.0	2546.0	2593.0	2640.0
		1	1	24.62	25.69	24.86	24.95	25.49	25.39	25.52	25.79	24.83	23.37	25.68	24.67
		1	1	25.43	28.14	27.60	25.51	25.61	28.00	26.36	26.80	27.70	21.46	25.98	26.16
		1	271	27.70	28.70	27.70	28.00	27.46	26.92	28.70	28.28	26.90	26.50	27.95	25.34
		1	272	24.97	25.95	24.84	25.56	25.98	25.24	26.02	26.07	24.56	24.42	26.34	24.52
		135	67	25.65	28.54	27.15	26.72	28.70	27.48	27.32	28.44	26.71	24.75	28.70	26.00
	QPSK	270	0	24.20	28.46	27.20	24.20	28.54	27.20	24.20	28.70	27.20	24.20	28.64	26.50
		1	0	24.61	25.68	24.85	24.94	25.48	25.38	25.51	25.78	24.82	23.36	25.67	24.66
		1	1	25.42	28.13	27.59	25.50	25.60	27.99	26.35	26.79	27.69	21.45	25.97	26.15
		1	271	27.69	28.69	27.69	27.99	27.45	26.91	28.69	28.27	26.89	26.49	27.94	25.33
		1	272	24.96	25.94	24.83	25.55	25.97	25.23	26.01	26.06	24.55	24.41	26.33	24.51
		135	67	25.64	28.53	27.14	26.71	28.69	27.47	27.31	28.43	26.70	24.74	28.69	25.99
	16QAM	270	0	24.20	28.45	27.00	24.20	28.53	27.20	24.20	28.69	27.20	24.20	28.63	26.49
		1	0	24.41	25.50	24.70	24.80	25.44	24.95	25.62	25.40	24.47	23.21	25.53	23.46
		1	1	26.72	27.95	26.86	27.02	27.71	27.21	27.71	27.71	26.72	25.61	27.93	25.57
		1	271	26.81	27.87	26.83	27.09	27.83	27.24	27.81	27.91	26.80	25.55	27.79	25.56
		1	272	24.59	25.51	24.40	24.72	25.44	24.97	25.53	25.54	24.49	23.40	25.63	23.50
		135	67	26.91	27.87	26.92	27.14	27.91	27.05	27.71	27.83	26.87	25.61	27.94	25.52
	64QAM	270	0	24.20	26.87	25.72	24.20	26.85	26.25	24.20	26.82	25.81	24.20	26.86	24.64
		1	0	24.41	25.50	24.41	24.50	25.37	24.70	25.25	25.26	24.32	23.29	25.44	23.16
		1	1	25.39	26.29	25.48	25.62	26.22	25.64	26.26	26.21	25.49	24.05	26.41	24.06
		1	271	25.38	26.20	25.48	25.56	26.38	25.78	26.42	26.38	25.30	24.07	26.38	24.02
		1	272	24.45	25.27	24.28	24.57	25.41	24.80	25.39	25.30	24.27	23.10	25.47	23.16
		135	67	25.50	26.37	25.35	25.71	26.28	25.75	26.22	26.50	25.30	24.06	26.23	24.06
	256QAM	270	0	24.20	26.39	25.31	24.20	26.39	25.67	24.20	26.21	25.45	24.18	26.30	24.14
		1	0	23.39	24.47	23.29	23.72	24.48	23.80	24.39	24.47	23.27	22.16	24.42	22.19
		1	1	23.60	24.60	23.42	24.00	24.68	23.83	24.59	24.57	23.69	22.26	24.61	22.48
		1	271	23.68	24.70	23.58	24.00	24.55	23.92	24.63	24.46	23.49	22.47	24.57	22.46
		1	272	23.23	24.43	23.36	23.70	24.45	23.63	24.31	24.32	23.24	22.30	24.35	22.07
		135	67	23.43	24.55	23.42	23.92	24.47	23.74	24.59	24.43	23.53	22.38	24.62	22.24
		270	0	23.40	24.48	23.50	23.75	24.65	23.70	24.42	24.47	23.43	22.39	24.40	22.31

8.6. 5G NR n41 (FCC MIMO)

Test Engineer ID:	26857	Test Date:	2024-01-22
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OUTPUT POWER FOR 5G NR n41 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 2			ANT 4			ANT 2+4		
				500202	518598	537000	500202	518598	537000	500202	518598	537000
10.0	BPSK	1	0	24.91	26.24	24.44	25.06	25.75	24.48	28.00	29.01	27.47
		1	1	27.67	28.45	27.61	28.00	27.83	27.67	30.85	31.16	30.65
		1	22	26.42	28.38	27.70	26.65	27.70	27.77	29.55	31.06	30.75
		1	23	23.62	26.24	24.46	23.66	25.62	24.57	26.65	28.95	27.52
		12	6	27.70	28.35	27.69	27.92	27.77	27.76	30.82	31.08	30.74
		24	0	27.50	28.13	27.54	27.72	27.49	27.59	30.62	30.83	30.58
	QPSK	1	0	24.85	26.23	24.55	25.03	25.57	24.60	27.95	28.92	27.58
		1	1	27.58	28.24	27.68	27.99	27.78	27.34	30.80	31.03	30.52
		1	22	26.34	28.17	27.57	26.61	27.73	27.21	29.49	30.97	30.41
		1	23	23.53	26.13	24.49	23.54	25.66	24.55	26.54	28.91	27.53
		12	6	27.68	28.16	27.55	27.90	27.74	27.72	30.80	30.97	30.65
		24	0	27.44	27.56	27.08	27.69	26.94	26.74	30.58	30.27	29.92
	16QAM	1	0	24.13	26.04	24.42	24.32	25.59	24.54	27.23	28.83	27.49
		1	1	26.01	27.28	27.09	27.02	27.14	26.67	29.55	30.22	29.89
		1	22	25.03	27.34	26.82	25.53	27.07	26.55	28.30	30.22	29.70
		1	23	22.89	26.08	24.34	22.94	25.59	24.59	25.92	28.85	27.47
		12	6	26.56	27.29	26.98	27.02	27.09	26.91	29.80	30.20	29.96
		24	0	26.00	26.50	25.92	26.38	26.01	25.95	29.20	29.27	28.94
	64QAM	1	0	23.59	25.72	24.39	23.91	25.58	24.47	26.76	28.66	27.44
		1	1	24.61	25.95	25.35	25.72	25.82	25.35	28.21	28.89	28.36
		1	22	23.65	25.90	25.33	24.30	25.77	25.47	26.99	28.84	28.41
		1	23	22.48	25.97	24.41	22.56	25.54	24.69	25.53	28.77	27.56
		12	6	25.33	25.92	25.45	25.78	25.64	25.52	28.57	28.79	28.49
		24	0	25.00	26.01	25.50	25.48	25.56	25.47	28.26	28.80	28.50
	256QAM	1	0	22.50	24.47	23.34	23.25	24.35	23.62	25.90	27.42	26.50
		1	1	23.10	24.51	23.44	24.15	24.37	23.69	26.67	27.45	26.58
		1	22	22.28	24.65	23.55	22.78	24.42	23.72	25.54	27.55	26.65
		1	23	21.65	24.61	23.47	21.85	24.32	23.81	24.76	27.48	26.66
		12	6	23.77	24.55	23.46	24.13	24.23	23.51	26.96	27.41	26.50
		24	0	23.64	24.57	23.54	23.99	24.06	23.56	26.83	27.33	26.56

OUTPUT POWER FOR 5G NR n41 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 2			ANT 4			ANT 2+4		
				500700	518598	536496	500700	518598	536496	500700	518598	536496
15.0	BPSK	1	0	24.81	26.26	24.34	25.11	25.62	24.62	27.97	28.96	27.50
		1	1	27.63	28.39	27.60	27.96	27.84	27.80	30.81	31.14	30.71
		1	36	26.72	28.36	27.66	26.85	27.84	27.88	29.80	31.12	30.78
		1	37	23.60	26.22	24.32	23.64	25.75	24.69	26.63	29.00	27.52
		18	9	27.70	28.44	27.70	28.00	27.93	27.89	30.86	31.20	30.81
		36	0	27.36	28.18	27.54	27.72	27.67	27.72	30.55	30.95	30.64
	QPSK	1	0	24.77	26.28	24.32	25.07	25.83	24.73	27.94	29.07	27.54
		1	1	27.55	28.35	27.53	27.83	27.95	27.74	30.70	31.17	30.65
		1	36	26.68	28.46	27.68	26.84	27.97	27.49	29.77	31.23	30.59
		1	37	23.58	26.21	24.45	23.62	25.73	24.72	26.61	28.98	27.59
		18	9	27.68	28.41	27.59	27.94	27.85	27.77	30.82	31.15	30.69
		36	0	27.28	27.57	27.03	27.69	27.20	26.84	30.50	30.40	29.94
	16QAM	1	0	23.96	26.28	24.31	24.26	25.68	24.66	27.12	29.00	27.50
		1	1	26.02	27.55	26.92	26.84	27.62	26.92	29.46	30.59	29.93
		1	36	25.40	27.52	26.99	25.82	27.21	26.79	28.63	30.38	29.90
		1	37	22.85	26.29	24.40	22.92	25.76	24.86	25.89	29.04	27.65
		18	9	26.48	27.44	26.98	27.02	27.20	26.84	29.77	30.33	29.92
		36	0	25.83	26.62	25.96	26.36	26.29	26.03	29.11	29.47	29.00
	64QAM	1	0	23.46	26.11	24.37	23.91	25.87	24.72	26.70	29.00	27.56
		1	1	24.55	26.25	25.57	25.68	26.20	25.63	28.16	29.24	28.61
		1	36	24.07	26.33	25.40	24.55	25.97	25.93	27.32	29.17	28.69
		1	37	22.52	26.31	24.41	22.63	25.76	24.49	25.59	29.05	27.46
		18	9	25.22	26.07	25.40	25.75	25.83	25.70	28.50	28.96	28.56
		36	0	24.86	26.12	25.35	25.43	25.81	25.56	28.17	28.98	28.47
	256QAM	1	0	22.53	24.84	23.27	23.25	24.70	23.74	25.91	27.78	26.52
		1	1	23.07	24.79	23.37	24.13	24.63	23.65	26.64	27.72	26.52
		1	36	22.64	24.95	23.40	22.97	24.69	23.77	25.82	27.83	26.60
		1	37	21.84	24.95	23.31	21.92	24.65	23.62	24.89	27.82	26.48
		18	9	23.62	24.63	23.33	24.08	24.43	23.59	26.87	27.54	26.47
		36	0	23.49	24.64	23.29	23.97	24.30	23.67	26.75	27.48	26.49

OUTPUT POWER FOR 5G NR n41 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 2			ANT 4			ANT 2+4		
				501204	518598	535998	501204	518598	535998	501204	518598	535998
20.0	BPSK	1	0	2506.0	2593.0	2680.0	2506.0	2593.0	2680.0	2506.0	2593.0	2680.0
		1	1	24.77	26.28	24.27	25.00	25.73	24.66	27.90	29.02	27.48
		1	49	27.70	28.42	27.55	28.00	27.82	27.87	30.86	31.14	30.72
		1	50	26.78	28.38	27.58	26.94	27.81	27.83	29.87	31.12	30.72
		1	50	23.61	26.19	24.30	23.72	25.69	24.69	26.67	28.96	27.51
		25	12	27.61	28.50	27.65	27.88	27.95	27.90	30.76	31.25	30.79
	QPSK	50	0	27.57	28.35	27.70	27.92	27.93	27.92	30.76	31.15	30.82
		1	0	24.76	26.32	24.30	24.98	25.74	24.64	27.88	29.05	27.48
		1	1	27.62	28.42	27.53	27.98	27.87	27.74	30.81	31.17	30.65
		1	49	26.74	28.39	27.49	26.80	27.86	27.28	29.78	31.14	30.39
		1	50	23.60	26.22	24.34	23.70	25.80	24.70	26.66	29.02	27.53
		25	12	27.57	28.42	27.64	27.85	27.96	27.82	30.72	31.20	30.74
	16QAM	50	0	27.50	27.88	27.11	27.85	27.24	26.98	30.69	30.58	30.06
		1	0	24.00	26.34	24.36	24.34	25.67	24.65	27.18	29.03	27.52
		1	1	26.14	27.67	26.66	27.05	27.43	26.98	29.63	30.56	29.83
		1	49	25.46	27.52	26.79	25.87	27.34	26.79	28.68	30.44	29.80
		1	50	23.00	26.29	24.46	23.09	25.79	24.86	26.06	29.06	27.68
		25	12	26.48	27.49	26.99	26.94	27.35	27.03	29.73	30.43	30.02
	64QAM	50	0	26.05	26.79	26.02	26.44	26.31	26.06	29.26	29.57	29.05
		1	0	23.55	26.09	24.27	23.89	25.63	24.71	26.73	28.88	27.51
		1	1	24.75	26.31	25.41	25.86	26.34	25.61	28.35	29.33	28.52
		1	49	24.22	26.42	25.44	24.63	26.05	25.81	27.44	29.25	28.64
		1	50	22.63	26.22	24.33	22.77	25.75	24.87	25.71	29.00	27.62
		25	12	25.27	26.13	25.47	25.75	25.89	25.60	28.53	29.03	28.55
	256QAM	50	0	25.07	26.31	25.45	25.51	25.83	25.61	28.30	29.09	28.54
		1	0	22.63	24.86	23.32	23.19	24.84	23.74	25.93	27.86	26.55
		1	1	23.32	25.04	23.19	24.26	24.85	23.71	26.82	27.95	26.47
		1	49	22.76	24.94	23.35	22.96	24.72	23.59	25.87	27.84	26.48
		1	50	21.87	24.79	23.35	22.08	24.72	23.81	24.99	27.77	26.60
		25	12	23.76	24.77	23.36	24.15	24.48	23.78	26.97	27.64	26.59
		50	0	23.65	24.86	23.35	24.01	24.42	23.73	26.84	27.66	26.55

OUTPUT POWER FOR 5G NR n41 (25.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 2			ANT 4			ANT 2+4		
				501702	518598	535500	501702	518598	535500	501702	518598	535500
25.0	BPSK	1	0	2508.5	2593.0	2677.5	2508.5	2593.0	2677.5	2508.5	2593.0	2677.5
		1	1	24.95	26.52	24.82	25.11	25.95	24.43	28.04	29.25	27.64
		1	63	27.63	28.64	25.87	28.00	28.15	25.59	30.83	31.41	28.74
		1	63	27.09	28.70	25.68	27.03	28.15	25.64	30.07	31.44	28.67
		1	64	23.95	26.44	19.23	23.90	25.95	24.49	26.94	29.21	25.63
		32	16	27.70	28.52	26.89	27.69	28.04	26.57	30.70	31.30	29.74
	QPSK	64	0	27.63	28.64	25.70	27.69	28.07	25.48	30.68	31.37	28.60
		1	0	24.94	26.46	24.29	25.10	25.96	24.42	28.03	29.23	27.36
		1	1	27.55	28.40	25.89	27.99	28.18	25.52	30.79	31.30	28.72
		1	63	27.01	28.32	26.91	27.02	28.01	26.73	30.02	31.18	29.83
		1	64	23.94	26.44	24.86	23.74	26.03	24.40	26.85	29.25	27.65
		32	16	27.64	28.38	25.67	27.65	28.00	26.66	30.66	31.21	29.20
	16QAM	64	0	27.55	27.76	22.62	27.65	27.45	26.55	30.61	30.62	28.03
		1	0	24.20	25.90	24.78	24.35	25.70	24.44	27.29	28.81	27.63
		1	1	26.09	27.11	26.84	26.92	27.52	26.48	29.54	30.33	29.67
		1	63	25.60	27.73	26.90	25.97	26.96	26.58	28.80	30.37	29.75
		1	64	23.25	25.94	24.75	23.12	25.58	24.51	26.20	28.77	27.64
		32	16	26.52	25.52	19.94	26.82	27.10	25.42	29.68	29.39	26.51
	64QAM	64	0	26.07	26.44	23.88	26.36	26.26	25.51	29.22	29.36	27.78
		1	0	23.71	23.05	16.59	24.00	25.61	24.56	26.86	27.53	25.20
		1	1	24.67	22.81	23.42	25.71	26.27	25.59	28.23	27.89	27.65
		1	63	24.21	26.72	25.75	24.77	26.06	25.49	27.51	29.41	28.63
		1	64	22.93	25.95	24.99	22.74	25.63	24.44	25.85	28.80	27.74
		32	16	25.37	21.47	23.89	25.68	25.85	25.57	28.54	27.20	27.82
	256QAM	64	0	25.09	25.23	25.88	25.43	25.83	25.46	28.27	28.55	28.69
		1	0	22.72	23.88	23.95	23.24	24.63	23.43	26.00	27.28	26.71
		1	1	23.24	24.78	23.89	24.19	24.46	23.43	26.75	27.64	26.68
		1	63	22.82	20.05	21.67	23.15	24.45	23.62	26.00	25.79	25.76
		1	64	22.24	24.80	16.91	22.13	24.57	23.54	25.20	27.70	24.39
		32	16	23.90	24.41	12.77	24.05	24.17	23.41	26.98	27.30	23.77
		64	0	23.72	21.81	23.78	23.94	24.35	23.47	26.84	26.27	26.64

OUTPUT POWER FOR 5G NR n41 (30.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 2			ANT 4			ANT 2+4		
				502200	518598	524996	502200	518598	524996	502200	518598	524996
30.0	BPSK	1	0	24.87	26.45	22.94	25.09	25.84	24.46	27.99	29.16	26.78
		1	1	27.70	26.21	27.70	28.00	25.85	27.98	30.86	29.04	30.85
		1	76	26.05	26.07	25.22	26.72	25.82	25.83	29.41	28.95	28.55
		1	77	26.69	25.99	24.11	23.35	25.62	24.65	28.34	28.82	27.40
		36	18	27.58	25.50	21.98	27.69	25.68	25.72	30.64	28.60	27.25
		75	0	27.43	24.76	25.08	27.67	25.72	25.62	30.56	28.27	28.37
	QPSK	1	0	24.85	24.16	23.23	25.04	25.66	24.53	27.96	27.99	26.94
		1	1	27.61	28.12	25.19	27.93	28.22	25.58	30.78	31.18	28.40
		1	76	21.91	26.13	25.25	25.51	25.77	25.74	27.08	28.96	28.51
		1	77	25.95	26.49	24.66	23.34	25.78	25.01	27.85	29.16	27.85
		36	18	27.56	24.66	23.57	27.65	25.75	25.66	30.61	28.25	27.75
		75	0	27.35	25.99	25.22	27.64	25.78	25.64	30.51	28.89	28.44
	16QAM	1	0	24.10	26.16	24.02	24.34	25.78	24.46	27.23	28.98	27.25
		1	1	26.06	26.13	25.07	26.93	25.87	25.62	29.53	29.01	28.36
		1	76	22.38	25.90	25.16	24.20	25.75	25.84	26.39	28.84	28.52
		1	77	23.82	26.17	23.04	22.61	25.59	24.70	26.27	28.90	26.96
		36	18	26.34	22.56	17.64	26.80	25.62	25.62	29.59	27.37	26.26
		75	0	25.86	25.93	21.75	26.35	25.58	25.60	29.12	28.77	27.10
	64QAM	1	0	23.64	26.21	23.99	23.96	25.79	24.53	26.81	29.02	27.28
		1	1	24.65	26.02	23.24	25.78	25.76	25.54	28.26	28.90	27.55
		1	76	22.63	25.94	25.04	23.64	25.27	25.78	26.17	28.63	28.43
		1	77	22.83	26.14	24.05	22.24	25.67	24.65	25.56	28.92	27.38
		36	18	25.12	25.81	25.03	25.62	25.59	25.53	28.39	28.71	28.30
		75	0	24.90	25.54	24.98	25.41	25.64	25.60	28.17	28.60	28.31
	256QAM	1	0	22.71	25.02	23.07	23.34	24.75	23.66	26.05	27.90	26.38
		1	1	23.25	22.22	17.44	24.17	24.74	23.59	26.74	26.67	24.54
		1	76	21.83	25.05	23.13	22.35	24.57	23.63	25.11	27.83	26.40
		1	77	19.96	16.07	20.89	21.71	24.57	23.77	23.93	25.14	25.57
		36	18	23.65	24.53	23.20	24.03	24.36	23.69	26.85	27.46	26.46
		75	0	23.54	21.83	23.25	23.95	24.43	23.69	26.76	26.33	26.48

OUTPUT POWER FOR 5G NR n41 (35.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 2			ANT 4			ANT 2+4		
				502704	518598	534498	502704	518598	534498	502704	518598	534498
35.0	BPSK	1	0	24.94	24.96	23.46	25.25	24.62	24.41	28.11	27.80	26.97
		1	1	27.29	28.70	27.59	28.00	28.70	27.86	30.67	31.71	30.73
		1	90	25.25	28.45	27.70	26.24	28.40	28.00	28.78	31.44	30.86
		1	91	24.50	24.83	24.29	24.35	24.80	24.48	27.44	27.82	27.40
		45	22	27.70	28.64	27.05	27.95	28.52	27.50	30.84	31.59	30.29
		90	0	27.22	27.46	26.73	27.92	27.87	27.08	30.59	30.68	29.92
	QPSK	1	0	24.85	24.91	23.39	25.23	24.49	24.23	28.05	27.72	26.84
		1	1	27.20	28.68	27.53	27.98	28.63	27.80	30.62	31.67	30.67
		1	90	25.85	28.24	27.52	25.90	28.33	27.63	28.89	31.29	30.59
		1	91	25.00	24.81	24.22	24.85	24.78	24.12	27.94	27.80	27.18
		45	22	27.62	28.31	27.00	27.92	28.48	27.17	30.79	31.41	30.10
		90	0	27.13	27.44	26.69	27.87	27.77	26.67	30.52	30.62	29.69
	16QAM	1	0	24.12	24.12	23.02	24.46	23.84	23.40	27.30	26.99	26.22
		1	1	25.73	27.47	26.03	27.06	27.12	26.54	29.45	30.31	29.31
		1	90	25.44	27.08	26.20	26.15	26.87	26.35	28.82	29.99	29.29
		1	91	24.85	24.19	23.18	24.12	24.12	23.35	27.51	27.16	26.27
		45	22	26.30	27.03	26.07	27.08	27.15	25.96	29.72	30.10	29.02
		90	0	25.63	26.09	25.34	26.60	26.47	25.45	29.15	29.30	28.40
	64QAM	1	0	23.51	24.03	22.57	24.12	23.73	23.08	26.84	26.89	25.84
		1	1	24.40	26.04	24.80	25.94	25.63	25.03	28.25	28.85	27.93
		1	90	25.45	25.88	25.07	25.63	25.48	24.85	28.55	28.69	27.97
		1	91	24.11	24.11	22.86	23.98	23.76	23.12	27.06	26.95	26.00
		45	22	24.99	25.61	24.68	25.89	25.56	24.62	28.47	28.59	27.66
		90	0	24.62	25.14	24.57	25.64	25.25	24.60	28.17	28.21	27.59
	256QAM	1	0	22.52	23.44	22.05	23.39	23.00	22.51	25.99	26.24	25.29
		1	1	22.86	24.37	22.90	24.33	24.04	23.20	26.67	27.22	26.07
		1	90	22.85	24.25	23.31	23.00	23.99	23.38	25.94	27.14	26.35
		1	91	21.85	23.01	22.38	22.00	22.76	22.21	24.94	25.90	25.31
		45	22	23.62	24.14	23.17	24.25	23.98	22.92	26.96	27.07	26.06
		90	0	23.42	23.87	22.82	24.16	23.89	22.89	26.82	26.89	25.86

OUTPUT POWER FOR 5G NR n41 (40.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 2			ANT 4			ANT 2+4		
				503202	518598	534000	503202	518598	534000	503202	518598	534000
40.0	BPSK	1	0	2516.0	2593.0	2670.0	2516.0	2593.0	2670.0	2516.0	2593.0	2670.0
		1	0	24.91	25.24	23.66	25.14	24.52	23.60	28.03	27.90	26.64
		1	1	27.43	28.70	27.70	27.95	28.70	27.83	30.70	31.71	30.78
		1	104	24.42	27.79	26.88	24.67	27.86	27.09	27.56	30.83	30.00
		1	105	23.78	25.22	23.81	23.91	24.51	23.93	26.86	27.89	26.88
		50	25	27.70	28.16	27.46	27.98	28.59	28.00	30.85	31.39	30.75
	QPSK	100	0	27.42	27.91	27.08	28.00	27.96	27.48	30.73	30.94	30.30
		1	0	24.81	25.16	23.64	25.12	24.40	23.58	27.98	27.81	26.62
		1	1	27.34	28.58	27.58	27.93	28.50	27.71	30.65	31.55	30.65
		1	104	24.39	27.75	26.85	24.59	27.74	27.04	27.50	30.76	29.96
		1	105	23.76	25.20	23.64	23.88	24.49	23.84	26.83	27.87	26.75
		50	25	27.61	28.10	27.39	27.97	28.42	27.87	30.81	31.27	30.65
	16QAM	100	0	27.31	27.87	27.04	27.96	27.84	27.40	30.66	30.86	30.23
		1	0	24.02	24.54	22.94	24.32	23.73	22.90	27.18	27.16	25.93
		1	1	25.81	26.23	25.27	27.07	25.78	25.31	29.49	29.02	28.30
		1	104	23.69	25.77	25.04	23.92	25.29	25.07	26.82	28.55	28.07
		1	105	23.08	24.57	23.09	23.19	23.75	23.07	26.15	27.19	26.09
		50	25	26.23	26.00	25.24	27.09	25.72	25.45	29.69	28.87	28.36
	64QAM	100	0	25.76	25.89	25.06	26.55	25.50	25.23	29.18	28.71	28.15
		1	0	23.43	24.27	22.61	23.87	23.34	22.49	26.67	26.84	25.56
		1	1	24.37	25.08	24.15	25.85	24.44	24.16	28.18	27.78	27.16
		1	104	23.37	24.74	24.02	23.53	24.15	24.11	26.46	27.46	27.08
		1	105	22.69	24.27	22.68	22.80	23.38	22.66	25.76	26.86	25.68
		50	25	24.99	24.88	23.99	25.86	24.45	24.25	28.46	27.68	27.13
	256QAM	100	0	24.74	24.92	23.98	25.63	24.31	24.18	28.22	27.64	27.09
		1	0	22.54	23.73	21.92	23.28	22.83	21.88	25.94	26.31	24.91
		1	1	23.02	24.14	22.75	24.32	23.38	22.74	26.73	26.79	25.76
		1	104	22.42	23.82	22.70	22.53	23.28	22.82	25.48	26.57	25.77
		1	105	21.96	23.61	22.11	22.13	22.72	22.04	25.06	26.20	25.09
		50	25	23.74	23.66	22.67	24.23	23.36	22.83	27.00	26.52	25.76
		100	0	23.58	23.79	22.69	24.13	23.38	22.80	26.87	26.60	25.76

OUTPUT POWER FOR 5G NR n41 (45.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 2			ANT 4			ANT 2+4		
				503700	518598	533496	503700	518598	533496	503700	518598	533496
45.0	BPSK	1	0	2518.5	2593.0	2667.5	2518.5	2593.0	2667.5	2518.5	2593.0	2667.5
		1	0	25.10	24.70	23.94	25.20	25.08	24.29	28.16	27.91	27.13
		1	1	27.33	28.62	27.59	28.00	28.34	27.93	30.69	31.50	30.77
		1	117	25.96	28.70	27.70	25.85	28.69	27.89	28.92	31.70	30.81
		1	118	24.00	25.07	24.11	24.36	24.74	24.43	27.19	27.92	27.28
		54	27	27.70	28.68	27.65	27.82	28.70	28.00	30.77	31.70	30.84
	QPSK	108	0	27.33	27.59	27.24	27.79	27.79	27.41	30.58	30.70	30.34
		1	0	25.09	23.67	23.83	25.09	25.03	24.13	28.10	27.41	26.99
		1	1	27.24	28.56	27.15	27.97	28.18	27.91	30.63	31.38	30.55
		1	117	25.99	28.04	27.55	26.12	28.62	27.87	29.07	31.35	30.73
		1	118	24.33	24.05	23.69	24.12	24.47	24.41	27.24	27.28	27.07
		54	27	27.63	28.57	27.60	27.72	28.59	27.92	30.69	31.59	30.77
	16QAM	108	0	27.21	25.67	26.41	27.76	27.76	27.34	30.51	29.85	29.91
		1	0	24.23	23.74	23.30	24.35	24.09	23.47	27.30	26.93	26.40
		1	1	25.73	21.18	25.82	27.07	27.09	26.63	29.46	28.08	29.26
		1	117	26.00	26.94	26.43	25.69	27.22	26.71	28.86	30.09	29.58
		1	118	23.95	21.38	22.52	24.35	24.07	23.76	27.16	25.94	26.19
		54	27	26.20	27.22	23.49	26.85	27.33	26.66	29.55	30.29	28.37
	64QAM	108	0	25.66	24.63	23.33	26.43	26.18	25.84	29.07	28.48	27.77
		1	0	23.54	23.67	23.00	23.99	23.80	23.11	26.78	26.74	26.06
		1	1	24.28	22.97	23.76	25.98	25.91	25.13	28.22	27.69	27.51
		1	117	25.00	24.64	24.98	25.60	25.81	25.27	28.32	28.28	28.14
		1	118	24.36	22.24	20.63	24.00	23.65	23.32	27.19	26.02	25.19
		54	27	24.90	25.68	23.63	25.71	25.76	25.35	28.33	28.73	27.59
	256QAM	108	0	24.68	24.61	23.49	25.52	25.19	24.89	28.13	27.92	27.26
		1	0	22.40	22.18	22.37	23.30	23.03	22.44	25.88	25.63	25.42
		1	1	22.95	22.57	22.72	24.23	24.04	23.51	26.64	26.38	26.14
		1	117	23.55	23.47	23.47	23.20	24.01	23.35	26.39	26.76	26.42
		1	118	22.00	20.84	21.12	21.98	22.98	22.58	25.00	25.05	24.92
		54	27	23.65	24.19	19.35	24.14	23.90	23.62	26.91	27.06	25.00
		108	0	23.55	23.39	18.05	24.06	23.68	23.30	26.82	26.55	24.44

OUTPUT POWER FOR 5G NR n41 (50.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 2			ANT 4			ANT 2+4		
				504204	518598	532998	504204	518598	532998	504204	518598	532998
50.0	BPSK	1	0	22.43	26.87	25.73	22.68	26.67	25.59	25.57	29.78	28.67
		1	1	22.65	27.78	27.43	22.63	27.49	27.32	25.65	30.64	30.38
		1	131	27.70	27.71	27.70	27.93	27.60	27.54	30.83	30.67	30.63
		1	132	22.62	23.86	25.80	24.81	26.49	25.69	26.86	28.38	28.76
		64	32	24.70	18.24	27.55	24.78	27.46	27.50	27.75	27.95	30.54
		128	0	23.39	26.70	27.46	24.71	27.39	27.44	27.11	30.07	30.46
	QPSK	1	0	20.09	26.90	25.59	22.08	26.72	25.59	24.21	29.82	28.60
		1	1	18.69	24.74	22.85	22.16	27.49	27.40	23.77	29.34	28.71
		1	131	19.50	27.64	27.45	28.00	27.46	27.54	28.57	30.56	30.51
		1	132	24.65	27.02	25.74	24.63	26.58	25.65	27.65	29.82	28.71
		64	32	23.65	27.78	27.53	23.72	27.49	27.47	26.69	30.65	30.51
		128	0	21.23	27.72	27.43	23.66	27.44	27.38	25.62	30.60	30.42
	16QAM	1	0	18.10	26.82	25.61	22.07	26.63	25.58	23.54	29.74	28.61
		1	1	17.98	26.73	27.36	22.17	27.36	27.34	23.57	30.06	30.36
		1	131	26.28	27.47	27.49	26.43	27.59	27.42	29.37	30.54	30.47
		1	132	24.77	27.03	25.78	24.64	26.81	25.70	27.72	29.93	28.75
		64	32	23.05	27.53	25.38	23.03	27.25	27.32	26.05	30.40	29.47
		128	0	13.21	27.38	26.83	23.03	27.23	27.09	23.46	30.32	29.97
	64QAM	1	0	19.05	26.27	25.63	21.45	26.52	25.43	23.42	29.40	28.54
		1	1	21.63	27.59	26.93	21.69	27.20	26.76	24.67	30.41	29.85
		1	131	25.27	27.18	26.97	25.75	26.83	26.52	28.53	30.02	29.76
		1	132	24.56	26.86	25.80	24.80	26.79	25.74	27.69	29.83	28.78
		64	32	21.65	25.43	26.13	23.13	26.89	26.55	25.46	29.23	29.36
		128	0	22.98	26.97	25.92	23.10	27.08	26.58	26.05	30.04	29.27
	256QAM	1	0	20.16	22.65	24.60	20.01	25.78	24.47	23.10	27.50	27.55
		1	1	19.76	25.91	24.58	20.13	25.78	24.70	22.96	28.86	27.65
		1	131	23.68	26.05	24.99	23.89	25.56	24.52	26.80	28.83	27.78
		1	132	23.69	25.64	24.81	23.68	25.51	24.71	26.70	28.59	27.77
		64	32	21.50	25.29	24.67	21.51	25.56	24.58	24.52	28.43	27.64
		128	0	21.49	24.05	21.09	21.58	25.59	24.55	24.55	27.90	26.16

OUTPUT POWER FOR 5G NR n41 (60.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 2			ANT 4			ANT 2+4		
				505200	518598	531996	505200	518598	531996	505200	518598	531996
60.0	BPSK	1	0	23.58	26.90	26.77	23.58	26.63	26.49	26.59	29.78	29.64
		1	1	23.69	27.57	27.54	23.64	27.34	27.22	26.68	30.47	30.39
		1	160	27.70	27.56	27.70	27.54	27.46	27.41	30.63	30.52	30.57
		1	161	25.91	26.75	26.65	25.65	26.57	26.53	28.79	29.67	29.60
		81	40	25.69	27.59	27.42	25.63	27.24	27.20	28.67	30.43	30.32
		162	0	25.66	27.53	27.35	25.55	27.16	27.25	28.61	30.35	30.31
	QPSK	1	0	23.24	26.79	26.86	23.09	26.52	26.57	26.17	29.67	29.73
		1	1	23.18	27.88	27.58	23.08	27.48	27.42	26.14	30.70	30.51
		1	160	27.68	27.56	27.64	27.51	27.48	27.65	30.61	30.53	30.66
		1	161	25.79	26.87	26.83	25.62	26.49	26.79	28.71	29.70	29.82
		81	40	24.76	27.62	27.52	24.64	27.24	27.35	27.71	30.44	30.44
		162	0	24.78	27.58	27.42	24.59	27.19	27.32	27.69	30.40	30.38
	16QAM	1	0	23.23	26.83	26.82	22.96	26.39	26.53	26.11	29.63	29.69
		1	1	23.04	27.64	27.39	22.92	27.28	27.41	25.99	30.47	30.41
		1	160	27.60	27.44	27.23	27.41	27.28	27.14	30.51	30.37	30.19
		1	161	25.93	26.87	26.68	25.68	26.58	26.29	28.82	29.74	29.50
		81	40	24.07	27.52	27.31	23.96	27.13	27.17	27.03	30.34	30.25
		162	0	24.08	27.55	26.84	23.97	27.14	27.20	27.03	30.36	30.03
	64QAM	1	0	22.60	26.88	26.44	22.45	26.44	26.38	25.54	29.67	29.42
		1	1	22.51	27.45	26.47	22.43	27.37	26.48	25.48	30.42	29.49
		1	160	26.92	26.93	26.32	26.66	26.62	26.19	29.81	29.79	29.26
		1	161	25.90	26.87	26.30	25.49	26.59	26.34	28.71	29.75	29.33
		81	40	24.05	26.52	25.99	24.00	26.91	27.03	27.04	29.73	29.55
		162	0	24.23	27.12	26.46	24.04	27.14	26.98	27.15	30.14	29.74
	256QAM	1	0	21.06	25.89	24.86	20.90	25.64	24.99	23.99	28.78	27.94
		1	1	21.09	25.92	25.16	20.97	25.47	25.45	24.04	28.71	28.32
		1	160	24.73	25.64	25.31	24.43	25.32	25.04	27.59	28.50	28.18
		1	161	24.62	25.46	25.49	24.55	25.31	24.76	27.60	28.39	28.15
		81	40	22.64	25.26	24.70	22.42	25.36	25.41	25.54	28.32	28.08
		162	0	22.58	25.83	25.24	22.49	25.48	25.34	25.55	28.67	28.30

OUTPUT POWER FOR 5G NR n41 (70.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 2			ANT 4			ANT 2+4		
				506202	518598	531000	506202	518598	531000	506202	518598	531000
70.0	BPSK	1	0	2531.0	2593.0	2655.0	2531.0	2593.0	2655.0	2531.0	2593.0	2655.0
		1	0	24.63	24.97	26.60	24.69	24.57	25.85	27.67	27.79	29.25
		1	1	24.74	25.00	27.35	24.56	24.59	25.81	27.66	27.81	29.66
		1	187	27.70	27.92	27.70	27.52	26.05	25.30	30.62	30.09	29.67
		1	188	26.91	27.14	26.83	26.92	25.26	24.86	29.92	29.31	28.96
		90	45	26.90	27.85	27.55	26.76	27.50	27.71	29.84	30.69	30.64
	QPSK	180	0	26.91	27.85	27.59	26.87	27.45	27.77	29.90	30.66	30.69
		1	0	24.26	24.42	26.34	24.28	24.08	24.22	27.28	27.26	28.42
		1	1	24.03	24.50	27.31	24.16	24.22	25.21	27.10	27.37	29.39
		1	187	27.65	27.92	27.20	27.28	25.41	24.66	30.48	29.86	29.12
		1	188	26.89	27.05	26.62	25.94	24.46	23.75	29.45	28.95	28.43
		90	45	25.90	27.94	27.48	25.78	27.55	27.21	28.85	30.76	30.35
	16QAM	180	0	25.79	27.87	27.56	25.78	26.74	26.70	28.79	30.35	30.16
		1	0	24.08	24.79	25.53	24.12	24.15	23.63	27.11	27.49	27.69
		1	1	24.28	24.48	26.67	24.14	24.03	24.79	27.22	27.27	28.84
		1	187	27.64	27.29	26.76	26.15	24.60	24.19	29.97	29.16	28.68
		1	188	26.69	26.37	25.88	25.30	23.87	23.39	29.06	28.31	27.82
		90	45	25.21	27.80	27.13	25.28	27.12	26.38	28.26	30.48	29.78
	64QAM	180	0	25.25	27.41	26.60	25.27	26.61	26.28	28.27	30.04	29.45
		1	0	23.72	23.85	25.03	23.68	23.55	23.24	26.71	26.71	27.24
		1	1	23.57	23.73	25.63	23.71	23.65	23.54	26.65	26.70	27.72
		1	187	26.36	26.25	25.75	25.18	23.50	23.06	28.82	28.10	27.62
		1	188	26.08	26.06	25.46	24.92	23.32	23.18	28.55	27.91	27.48
		90	45	25.26	26.51	25.74	25.26	26.40	25.88	28.27	29.46	28.82
	256QAM	180	0	25.27	27.02	26.21	25.33	26.12	25.96	28.31	29.61	29.10
		1	0	22.31	22.52	23.78	22.18	22.27	22.23	25.26	25.41	26.08
		1	1	21.89	22.52	24.23	22.36	22.20	22.45	25.14	25.38	26.44
		1	187	25.32	24.92	24.62	24.10	22.50	22.04	27.77	26.89	26.53
		1	188	25.04	24.98	24.50	24.06	22.26	22.21	27.59	26.84	26.52
		90	45	23.70	25.25	24.48	23.35	23.37	22.06	26.54	27.42	26.45
		180	0	23.73	25.81	25.11	23.51	23.31	22.06	26.64	27.75	26.85

OUTPUT POWER FOR 5G NR n41 (80.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 2			ANT 4			ANT 2+4		
				507204	518598	529998	507204	518598	529998	507204	518598	529998
80.0	BPSK	1	0	2536.0	2593.0	2650.0	2536.0	2593.0	2650.0	2536.0	2593.0	2650.0
		1	0	24.33	27.24	26.22	24.60	26.88	26.35	27.47	30.07	29.30
		1	1	23.89	28.64	27.46	24.79	26.76	26.65	27.38	30.81	30.08
		1	215	27.70	28.22	27.51	27.88	25.68	25.08	30.80	30.15	29.47
		1	216	26.47	27.21	26.74	26.72	24.97	24.77	29.61	29.25	28.88
		108	54	26.58	28.37	27.70	26.74	28.08	28.00	29.67	31.24	30.86
	QPSK	216	0	23.76	28.33	25.86	26.75	28.13	26.75	28.52	31.24	29.33
		1	0	24.05	27.04	22.47	24.36	25.15	24.71	27.22	29.21	26.74
		1	1	24.01	27.97	26.04	24.28	25.91	25.47	27.16	30.07	28.78
		1	215	27.50	27.64	26.84	27.72	24.91	24.68	30.62	29.50	28.90
		1	216	26.74	26.92	26.03	26.48	23.96	23.11	29.62	28.70	27.82
		108	54	25.72	28.32	26.72	25.72	27.71	26.70	28.73	31.03	29.72
	16QAM	216	0	25.67	28.35	23.09	25.84	27.06	26.15	28.77	30.76	27.90
		1	0	23.99	26.68	25.78	24.38	24.89	23.72	27.20	28.89	27.88
		1	1	24.02	27.17	26.49	24.27	25.58	24.80	27.16	29.46	28.74
		1	215	27.44	27.39	17.75	26.54	24.09	23.52	30.02	29.06	24.54
		1	216	26.11	26.28	25.55	25.52	23.41	22.43	28.84	28.09	27.27
		108	54	25.04	27.97	26.56	25.30	26.95	26.01	28.18	30.50	29.30
	64QAM	216	0	25.05	27.68	18.65	25.28	26.82	24.68	28.18	30.29	25.64
		1	0	23.19	25.99	23.35	23.62	24.32	23.53	26.42	28.24	26.45
		1	1	23.45	25.90	25.62	23.59	24.37	23.51	26.53	28.21	27.70
		1	215	25.75	25.81	25.37	25.42	23.10	22.39	28.60	27.67	27.14
		1	216	25.64	26.13	15.71	25.28	23.38	22.45	28.48	27.98	23.28
		108	54	25.08	26.67	25.10	25.36	26.36	25.29	28.23	29.53	28.21
	256QAM	216	0	25.08	27.16	22.65	25.33	26.21	23.99	28.21	29.72	26.38
		1	0	22.00	24.96	23.27	22.39	23.26	21.95	25.21	27.21	25.67
		1	1	21.78	24.97	24.26	22.23	23.52	22.29	25.02	27.31	26.40
		1	215	24.53	24.75	23.23	24.18	22.11	21.01	27.37	26.63	25.27
		1	216	24.49	24.75	24.01	24.05	21.95	21.13	27.29	26.58	25.82
		108	54	23.53	25.39	19.05	23.27	23.24	21.22	26.41	27.46	23.28
		216	0	23.48	25.86	24.05	23.49	23.08	21.30	26.49	27.70	25.90

OUTPUT POWER FOR 5G NR n41 (90.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 2			ANT 4			ANT 2+4		
				508200	518598	528996	508200	518598	528996	508200	518598	528996
90.0	BPSK	1	0	21.17	26.84	26.87	24.26	26.33	26.25	25.99	29.60	29.58
		1	1	24.11	19.83	26.86	24.18	26.25	26.39	27.16	27.14	29.64
		1	243	26.98	27.30	26.83	26.30	25.02	25.30	29.67	29.32	29.14
		1	244	26.80	26.69	26.24	26.26	24.62	24.75	29.55	28.79	28.57
		120	60	26.74	24.19	26.68	26.22	26.98	26.13	29.50	28.82	29.43
		243	0	26.69	27.49	24.43	26.17	26.85	24.80	29.44	30.19	27.63
	QPSK	1	0	23.66	26.94	26.99	23.88	24.87	25.45	26.78	29.04	29.30
		1	1	24.37	27.81	26.79	23.79	25.73	26.18	27.10	29.90	29.50
		1	243	27.64	26.88	26.93	27.03	24.81	24.25	30.36	28.98	28.80
		1	244	26.96	26.81	26.84	25.86	23.73	23.33	29.46	28.55	28.44
		120	60	25.82	23.39	26.71	25.15	26.24	26.21	28.51	28.06	29.48
		243	0	25.82	27.50	26.76	25.19	26.91	26.22	28.52	30.23	29.51
	16QAM	1	0	24.31	25.64	26.35	23.43	24.23	24.38	26.90	28.00	28.48
		1	1	24.35	27.47	26.86	23.76	24.88	25.43	27.07	29.37	29.22
		1	243	25.27	24.00	26.59	26.35	23.76	23.52	28.86	26.89	28.33
		1	244	26.58	26.87	26.50	24.94	23.10	22.46	28.85	28.39	27.94
		120	60	25.22	26.70	25.49	24.68	26.17	25.92	27.97	29.45	28.72
		243	0	25.17	26.74	26.72	24.58	26.15	25.86	27.90	29.46	29.32
	64QAM	1	0	23.85	25.98	25.61	23.37	23.64	24.55	26.63	27.97	28.12
		1	1	22.91	23.00	25.19	23.32	24.09	24.46	26.13	26.59	27.85
		1	243	25.22	26.26	25.88	24.73	22.67	22.06	27.99	27.84	27.39
		1	244	25.72	26.20	24.44	24.76	22.46	22.43	28.27	27.73	26.56
		120	60	25.12	26.45	26.10	24.72	25.60	25.50	27.93	29.06	28.82
		243	0	25.14	26.29	25.05	24.58	25.99	25.48	27.88	29.15	28.28
	256QAM	1	0	17.23	21.36	24.30	21.73	22.78	22.95	23.05	25.14	26.69
		1	1	22.23	24.67	24.62	21.77	22.44	23.12	25.02	26.71	26.95
		1	243	24.64	24.87	24.99	23.51	21.47	21.22	27.12	26.51	26.51
		1	244	24.77	24.57	24.64	23.54	21.64	20.97	27.21	26.35	26.19
		120	60	20.47	25.12	24.83	22.86	22.56	21.37	24.83	27.04	26.45
		243	0	23.75	16.39	25.08	22.84	22.38	21.49	26.33	23.36	26.66

OUTPUT POWER FOR 5G NR n41 (100.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 2			ANT 4			ANT 2+4		
				509202	518598	528000	509202	518598	528000	509202	518598	528000
100.0	BPSK	1	0	24.08	27.72	27.07	24.34	26.14	26.57	27.22	30.01	29.84
		1	1	21.26	27.80	27.27	24.26	26.22	26.64	26.03	30.09	29.98
		1	271	27.55	27.97	27.11	27.15	25.10	26.80	30.37	29.78	29.97
		1	272	27.82	27.54	27.02	26.39	24.57	26.34	30.17	29.32	29.70
		135	67	26.84	27.13	26.96	26.26	26.38	26.28	29.57	29.78	29.64
		270	0	11.52	27.08	20.61	26.26	26.40	26.38	26.41	29.76	27.40
	QPSK	1	0	23.09	27.54	27.10	23.96	25.90	26.63	26.56	29.80	29.89
		1	1	23.98	27.49	27.16	23.92	26.54	26.55	26.96	30.05	29.87
		1	271	27.75	27.27	27.07	26.98	25.74	26.06	30.39	29.59	29.60
		1	272	26.94	27.24	27.09	25.62	24.69	24.88	29.34	29.16	29.14
		135	67	25.82	27.08	26.92	25.14	26.37	26.35	28.50	29.75	29.66
		270	0	25.90	27.13	23.53	25.23	26.44	26.35	28.59	29.81	28.18
	16QAM	1	0	24.32	26.78	27.12	23.87	25.22	26.16	27.11	29.08	29.68
		1	1	25.02	27.33	27.09	24.57	26.05	26.95	27.81	29.75	30.03
		1	271	27.33	27.57	27.12	26.30	24.82	24.53	29.85	29.42	29.03
		1	272	26.26	26.88	25.91	24.95	24.21	23.93	28.66	28.76	28.04
		135	67	25.17	26.89	26.61	24.68	26.41	26.19	27.94	29.67	29.41
		270	0	25.20	26.96	26.46	24.70	26.46	26.17	27.97	29.73	29.33
	64QAM	1	0	24.02	22.54	26.73	23.32	25.35	25.84	26.70	27.18	29.32
		1	1	23.89	26.88	26.94	23.24	25.33	25.99	26.59	29.18	29.50
		1	271	25.72	27.00	26.75	24.52	23.86	23.60	28.17	28.72	28.47
		1	272	25.74	26.53	26.65	24.20	24.11	23.23	28.05	28.50	28.28
		135	67	25.36	26.82	11.61	24.68	24.75	26.10	28.04	28.92	26.25
		270	0	25.34	26.90	26.60	24.31	26.40	26.29	27.87	29.67	29.46
	256QAM	1	0	22.25	25.59	25.44	21.81	24.31	24.39	25.04	28.01	27.96
		1	1	22.32	25.98	25.37	21.93	24.25	24.42	25.14	28.21	27.93
		1	271	24.32	25.83	25.57	23.41	22.56	22.39	26.90	27.51	27.27
		1	272	24.50	25.69	25.57	23.21	22.80	22.40	26.91	27.49	27.28
		135	67	23.78	25.71	25.31	22.46	23.76	22.40	26.18	27.85	27.11
		270	0	23.83	26.19	25.24	22.77	23.53	22.79	26.34	28.07	27.20

8.7. ULCA LTE BAND 41 (FCC)

Test Engineer ID:	32188	Test Date:	2025-03-28
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OUTPUT POWER FOR ULCA LTE BAND 41 (5.0MHz + 20.0MHz)

Bandwidth	PCC	SCC1	PCC	PCC	SCC1	SCC1	Conducted Average (dBm)															
	Frequency (MHz)	Frequency (MHz)	RB	RB	RB	RB	ANT 3				ANT 4				ANT 2				ANT 1			
			Size	Offset	Size	Offset	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
5MHz / 20MHz	2499.3	2511.0	1	24	1	0	22.64	22.50	22.39	22.34	22.93	22.82	22.85	22.62	21.88	21.86	21.87	21.87	22.19	22.12	21.95	22.20
			25	0	100	0	22.67	22.51	22.35	22.61	22.90	22.77	22.83	22.61	21.90	21.73	21.67	21.76	22.20	22.19	22.16	22.19
	2583.8	2595.5	1	24	1	0	28.63	26.98	26.42	23.40	28.68	27.01	26.63	23.32	28.69	27.20	26.61	23.58	28.66	27.00	26.56	23.69
			25	0	100	0	26.64	25.46	25.54	23.62	26.64	25.52	25.42	23.42	26.69	25.55	25.61	23.55	26.67	25.54	25.51	23.45
	2668.3	2680.0	1	24	1	0	27.68	26.11	25.59	22.46	27.97	26.40	25.78	22.79	28.38	26.72	26.28	23.38	27.20	25.50	25.02	22.20
			25	0	100	0	25.65	24.63	24.54	22.64	26.00	24.78	24.94	22.95	26.35	25.25	25.38	23.30	25.16	24.08	23.97	21.93

OUTPUT POWER FOR ULCA LTE BAND 41 (20.0MHz + 5.0MHz)

Bandwidth	PCC	SCC1	PCC	PCC	SCC1	SCC1	Conducted Average (dBm)															
	Frequency (MHz)	Frequency (MHz)	RB Size	Offset	RB Size	Offset	ANT 3				ANT 4				ANT 2				ANT 1			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20MHz / 5MHz	2506.0	2517.7	1	99	1	0	26.67	26.09	25.86	22.50	26.95	26.27	26.21	22.74	25.87	25.31	25.27	21.64	26.16	25.58	25.49	22.05
			100	0	25	0	22.67	22.51	22.66	22.55	22.98	22.77	22.71	22.96	21.85	21.70	21.80	21.77	22.15	22.14	22.16	21.98
	2590.5	2602.2	1	99	1	0	28.70	27.03	26.45	23.52	28.67	26.95	26.59	23.56	28.70	27.09	26.66	23.47	28.65	27.18	26.61	23.43
			100	0	25	0	26.68	25.50	25.38	23.64	26.65	25.52	25.59	23.66	26.66	25.51	25.61	23.69	26.65	25.57	25.63	23.54
	2675.0	2686.7	1	99	1	0	27.61	26.08	25.51	22.41	27.94	26.26	25.90	22.87	28.35	26.73	26.16	23.25	27.15	25.66	25.02	22.09
			100	0	25	0	25.69	24.52	24.39	22.53	25.97	24.83	24.75	22.69	26.40	25.33	25.16	23.38	25.15	24.02	24.12	21.95

OUTPUT POWER FOR ULCA LTE BAND 41 (10.0MHz + 20.0MHz)

Bandwidth	PCC	SCC1	PCC	PCC	SCC1	SCC1	Conducted Average (dBm)															
	Frequency	Frequency	RB	RB	RB	RB	ANT 3				ANT 4				ANT 2				ANT 1			
	(MHz)	(MHz)	Size	Offset	Size	Offset	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10MHz / 20MHz	2501.5	2515.9	1	49	1	0	22.60	22.50	22.63	22.53	22.96	22.78	22.65	22.86	21.88	21.80	21.72	21.79	22.15	22.20	21.97	22.20
			50	0	100	0	22.66	22.47	22.42	22.51	22.97	22.91	22.69	22.79	21.90	21.90	21.71	21.61	22.20	22.13	22.02	22.07
	2583.6	2598.0	1	49	1	0	28.68	27.03	26.62	23.45	28.61	26.99	26.57	23.64	28.66	27.12	26.65	23.44	28.67	27.11	26.64	23.41
			50	0	100	0	26.63	25.62	25.44	23.40	26.64	25.46	25.54	23.52	26.65	25.64	25.64	23.45	26.67	25.50	25.62	23.48
	2665.6	2680.0	1	49	1	0	27.63	26.08	25.62	22.53	27.98	26.26	25.94	22.78	28.36	26.86	26.32	23.13	27.16	25.64	25.11	22.09
			50	0	100	0	25.62	24.49	24.40	22.45	25.94	24.91	24.77	22.78	26.35	25.31	25.16	23.24	25.15	24.03	24.05	22.07

OUTPUT POWER FOR ULCA LTE BAND 41 (20.0MHz + 10.0MHz)

Bandwidth	PCC	SCC1	PCC	PCC	SCC1	SCC1	Conducted Average (dBm)															
	Frequency (MHz)	Frequency (MHz)	RB Size	RB Offset	RB Size	RB Offset	ANT 3				ANT 4				ANT 2				ANT 1			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20MHz / 10MHz	2506.0	2520.4	1	99	1	0	26.61	26.08	25.93	22.32	26.97	26.46	26.43	22.72	25.88	25.38	25.23	21.83	26.15	25.50	25.53	21.95
			100	0	50	0	22.65	22.47	22.46	22.68	22.94	22.92	22.84	22.63	21.86	21.86	21.74	21.76	22.16	22.16	22.00	22.08
	2588.1	2602.5	1	99	1	0	28.69	27.12	26.40	23.61	28.70	27.00	26.58	23.67	28.67	27.14	26.52	23.40	28.67	27.09	26.52	23.59
			100	0	50	0	26.67	25.52	25.62	23.33	26.69	25.64	25.49	23.48	26.66	25.57	25.65	23.53	26.66	25.63	25.63	23.68
	2670.1	2684.5	1	99	1	0	27.61	26.08	25.63	22.61	27.97	26.26	25.75	22.95	28.38	26.76	26.17	23.36	27.20	25.68	25.05	21.96
			100	0	50	0	25.66	24.65	24.58	22.63	25.93	24.88	24.79	22.79	26.38	25.37	25.27	23.14	25.17	24.11	23.97	22.04

OUTPUT POWER FOR ULCA LTE BAND 41 (15.0MHz + 15.0MHz)

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB Size	PCC RB Offset	SCC1 RB Size	SCC1 RB Offset	Conducted Average (dBm)															
							ANT 3				ANT 4				ANT 2				ANT 1			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
15MHz / 15MHz	2503.5	2518.5	1	74	1	0	27.70	25.98	25.57	22.41	27.98	26.27	25.78	22.67	26.88	25.30	24.73	21.65	27.19	25.70	24.96	22.06
			75	0	75	0	22.63	22.66	22.45	22.52	22.97	22.93	22.89	22.81	21.85	21.75	21.90	21.65	22.18	22.20	21.95	22.15
	2585.5	2600.5	1	74	1	0	28.66	27.05	26.63	23.60	28.69	27.02	26.43	23.37	28.68	27.11	26.63	23.70	28.67	27.02	26.61	23.51
			75	0	75	0	26.68	25.47	25.64	23.44	26.70	25.50	25.57	23.51	26.65	25.53	25.59	23.45	26.67	25.55	25.53	23.61
	2667.5	2682.5	1	74	1	0	27.67	25.95	25.64	22.31	27.99	26.43	25.87	22.67	28.38	26.71	26.37	23.31	27.18	25.53	25.16	22.20
			75	0	75	0	25.70	24.55	24.66	22.59	25.96	24.87	24.66	22.65	26.39	25.34	25.32	23.25	25.19	24.20	24.13	22.16

OUTPUT POWER FOR ULCA LTE BAND 41 (15.0MHz + 20.0MHz)

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB Size	PCC RB Offset	SCC1 RB Size	SCC1 RB Offset	Conducted Average (dBm)															
							ANT 3				ANT 4				ANT 2				ANT 1			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
15MHz / 20MHz	2503.8	2520.9	1	74	1	0	27.67	26.03	25.61	22.61	28.00	26.35	25.69	22.67	26.89	25.21	24.69	21.66	27.19	25.52	25.12	22.15
			75	0	100	0	22.67	22.65	22.52	22.49	22.92	22.92	22.85	22.63	21.85	21.75	21.87	21.67	22.20	22.05	21.95	22.01
	2583.3	2600.4	1	74	1	0	28.68	27.00	26.49	23.49	28.63	26.95	25.51	23.47	28.69	27.13	26.57	23.63	28.67	27.06	26.55	23.69
			75	0	100	0	26.69	25.64	25.60	23.68	26.65	25.60	25.43	23.64	26.66	25.65	25.57	23.68	26.67	25.67	25.50	23.62
	2662.9	2680.0	1	74	1	0	27.69	26.20	25.67	22.64	27.93	26.37	25.80	22.70	28.36	26.74	26.26	23.17	27.18	25.59	24.95	22.08
			75	0	100	0	25.69	24.67	24.63	22.50	25.95	24.83	24.70	22.92	26.35	25.40	25.35	23.40	25.17	24.01	23.95	22.12

OUTPUT POWER FOR ULCA LTE BAND 41 (20.0MHz + 15.0MHz)

Bandwidth	PCC	SCC1	PCC		SCC1		Conducted Average (dBm)															
	Frequency (MHz)	Frequency (MHz)	RB	Offset	RB	Offset	ANT 3				ANT 4				ANT 2				ANT 1			
			Size	Offset	Size	Offset	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20MHz / 15MHz	2506.0	2523.1	1	99	1	0	27.62	26.03	25.48	22.38	27.98	26.40	25.76	22.88	26.87	25.40	24.81	21.74	27.15	25.68	25.01	21.90
			100	0	75	0	22.69	22.52	22.42	22.54	22.97	22.86	22.78	22.87	21.87	21.83	21.84	21.80	22.15	22.14	21.98	22.20
			1	99	1	0	28.64	26.99	26.51	23.40	28.63	27.05	26.54	23.38	28.65	27.11	26.62	23.63	28.70	27.18	26.65	23.60
	2585.6	2602.7	1	99	1	0	26.60	25.45	25.47	23.62	26.61	25.47	25.56	23.52	26.69	25.63	25.50	23.59	26.65	25.51	25.63	23.51
			100	0	75	0	27.63	26.02	25.46	22.62	27.91	26.32	25.84	22.79	26.88	26.21	23.40	27.19	25.63	25.06	22.16	
			1	99	1	0	25.60	24.58	24.60	22.43	25.94	24.91	24.96	22.91	26.37	25.34	25.38	23.40	25.17	24.20	24.05	21.92

OUTPUT POWER FOR ULCA LTE BAND 41 (20.0MHz + 20.0MHz)

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB		SCC1 RB		Conducted Average (dBm)															
			Size	Offset	Size	Offset	ANT 3				ANT 4				ANT 2				ANT 1			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20MHz/ 20MHz	2506.0	2525.8	1	99	1	0	27.61	26.08	25.52	22.47	28.63	27.09	26.65	23.36	26.85	25.22	24.67	21.65	27.19	25.55	25.03	22.09
			1	0	1	99	14.67	14.61	14.57	14.50	15.60	15.62	15.56	15.43	13.89	13.74	13.82	13.61	14.20	14.15	14.11	14.13
			100	0	100	0	22.64	22.60	22.46	22.33	23.63	23.56	23.40	23.55	21.89	21.72	21.71	21.62	22.20	22.01	22.12	22.10
	2583.1	2602.9	1	99	1	0	28.64	27.03	26.62	23.61	28.63	27.14	26.38	23.33	28.70	27.16	26.63	23.42	28.66	27.14	26.58	23.62
			1	0	1	99	20.12	19.99	20.02	20.18	20.14	20.01	20.04	20.07	20.17	20.14	20.02	20.10	20.16	20.01	19.97	20.17
			100	0	100	0	26.64	25.65	25.44	23.58	26.68	25.53	25.42	23.47	26.69	25.53	25.54	23.59	26.68	25.54	25.47	23.40
	2660.2	2680.0	1	99	1	0	27.67	26.16	25.60	22.49	27.63	26.15	25.60	22.59	28.39	26.89	26.40	23.39	27.18	25.60	25.13	22.09
			1	0	1	99	19.19	19.15	19.15	18.99	19.13	19.13	18.88	19.10	19.87	19.75	19.70	19.70	18.66	18.51	18.47	18.56
			100	0	100	0	25.62	24.55	24.50	22.38	25.69	24.50	24.36	22.51	26.36	25.26	25.19	23.32	25.18	24.07	23.97	22.14

8.8. LTE BAND 41 (IC)

Test Engineer ID:	32188	Test Date:	2025-06-08
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OUTPUT POWER FOR LTE BAND 41 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				39715	40640	41565	39715	40640	41565	39715	40640	41565	39715	40640	41565
5.0	QPSK	1	0	27.60	28.69	27.67	27.89	28.57	27.94	28.59	28.49	27.51	25.96	28.59	26.37
		1	12	27.70	28.65	27.70	28.00	28.70	28.00	28.70	28.58	27.41	26.25	28.57	26.48
		1	24	27.61	28.63	27.56	27.81	28.46	27.89	28.49	28.70	27.48	26.50	28.61	26.50
		12	0	27.17	28.66	27.18	27.69	28.24	27.75	28.22	28.02	27.33	25.06	28.26	25.42
		12	6	27.20	28.62	27.20	27.68	28.25	27.78	28.23	28.10	27.70	25.16	28.70	25.46
		12	11	27.17	28.60	27.22	27.68	28.18	27.72	28.21	28.16	27.39	25.27	28.24	25.50
		25	0	27.18	28.57	27.19	27.67	28.19	27.71	28.20	28.09	27.39	25.16	28.26	25.44
		1	0	26.39	27.59	26.40	26.87	27.40	26.71	27.32	27.23	26.37	24.70	27.40	25.24
	16QAM	1	12	26.63	27.62	26.59	26.73	27.49	27.00	27.59	27.48	26.33	25.11	27.50	25.32
		1	24	26.37	27.36	26.54	26.80	27.34	26.81	27.47	27.47	26.31	25.27	27.49	25.47
		12	0	26.10	27.60	26.10	26.65	27.20	26.49	27.00	26.92	26.14	23.98	27.19	24.36
		12	6	26.17	27.58	26.10	26.44	27.01	26.56	27.05	27.01	26.69	23.91	27.66	24.24
		12	11	26.08	27.39	26.13	26.67	26.97	26.65	27.05	27.09	26.39	24.08	27.24	24.28
		25	0	26.04	27.55	26.01	26.45	27.09	26.66	27.10	27.07	26.19	23.93	27.07	24.19
	64QAM	1	0	25.19	26.35	25.31	25.69	26.31	25.55	26.28	26.18	25.22	23.43	26.29	24.19
		1	12	25.61	26.53	25.45	25.52	26.41	25.97	26.59	26.34	25.20	23.91	26.44	24.29
		1	24	25.26	26.21	25.38	25.64	26.13	25.78	26.38	26.30	25.21	24.06	26.38	24.46
		12	0	25.02	26.60	25.08	25.62	26.04	25.29	25.96	25.74	24.95	22.93	26.10	23.11
		12	6	25.04	26.35	24.96	25.26	25.92	25.49	25.91	25.97	25.48	22.78	26.41	23.08
	256QAM	12	11	24.97	26.37	24.96	25.62	25.94	25.51	25.97	26.03	25.34	23.02	26.23	23.08
		25	0	25.03	26.45	24.89	25.29	26.04	25.45	26.05	25.89	25.13	22.90	25.89	22.99
		1	0	24.01	25.16	24.21	24.60	25.27	24.36	25.22	24.92	24.11	22.26	25.16	23.00
		1	12	24.59	25.26	24.20	24.44	25.14	24.86	25.57	25.16	24.04	22.87	25.20	23.08
		1	24	24.16	25.16	24.19	24.51	24.95	24.51	25.33	25.18	24.12	22.89	25.33	23.22
		12	0	23.77	25.58	24.04	24.49	25.03	24.05	24.80	24.49	23.89	21.89	24.99	22.02
		12	6	23.96	25.15	23.95	24.11	24.65	24.36	24.79	24.97	24.34	21.74	25.38	21.88
		12	11	23.93	25.19	23.94	24.38	24.72	24.29	24.93	24.92	24.12	22.00	25.01	22.06
		25	0	23.83	25.45	23.71	24.14	25.02	24.39	24.81	24.83	23.96	21.77	24.79	21.95

OUTPUT POWER FOR LTE BAND 41 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				39740	40640	41540	39740	40640	41540	39740	40640	41540	39740	40640	41540
10.0	QPSK	1	0	27.65	28.56	27.63	28.00	28.41	27.84	27.99	28.40	26.81	25.21	28.52	26.10
		1	24	27.70	28.57	27.70	27.89	28.70	28.00	28.41	28.70	27.23	25.82	28.69	26.31
		1	49	27.69	28.54	27.55	27.99	28.35	27.90	28.70	28.32	27.70	26.50	28.70	26.50
		25	0	27.25	28.63	27.26	27.83	28.26	27.78	27.77	28.30	26.52	24.49	28.30	25.27
		25	12	27.28	28.57	27.27	27.77	28.34	27.82	27.94	28.43	26.78	24.74	28.38	25.38
		25	24	27.28	28.58	27.26	27.76	28.19	27.83	28.14	28.24	26.99	25.09	28.42	25.50
		50	0	27.27	28.56	27.24	27.81	28.16	27.84	27.93	28.30	26.77	24.76	28.37	25.39
		1	0	26.44	27.49	26.36	26.78	27.25	26.60	26.81	27.31	25.68	23.34	27.40	25.02
	16QAM	1	24	26.68	27.50	26.57	26.76	27.68	26.96	27.31	27.67	25.96	25.72	27.57	25.23
		1	49	26.65	27.45	26.29	26.91	27.20	26.83	27.48	27.19	26.46	23.29	27.51	25.42
		25	0	26.15	27.53	26.04	26.83	27.03	26.76	26.76	27.29	25.50	23.31	27.26	24.10
		25	12	26.26	27.34	26.26	26.58	27.14	26.67	26.77	27.41	25.56	25.59	27.14	24.14
		25	24	26.08	27.40	26.17	26.51	27.18	26.76	27.08	27.00	25.76	23.23	27.15	24.29
	64QAM	50	0	26.02	27.43	26.24	26.59	26.94	26.61	26.90	27.13	25.56	24.58	27.30	24.21
		1	0	25.44	26.25	25.16	25.54	26.06	25.49	25.56	26.14	24.48	23.16	26.25	24.01
		1	24	25.56	26.25	25.56	25.60	26.50	25.81	26.30	26.53	24.89	24.05	26.33	23.98
		1	49	25.43	26.22	25.21	25.67	26.12	25.64	26.31	25.99	25.46	23.09	26.28	24.39
		25	0	24.98	26.33	24.87	25.73	25.88	25.55	25.56	26.13	24.44	23.07	26.10	22.93
	256QAM	25	12	25.06	26.18	25.04	25.32	26.03	25.45	25.63	26.35	24.39	24.23	26.10	23.03
		25	24	24.92	26.35	25.02	25.47	26.11	25.49	26.06	26.00	24.61	23.00	26.08	23.09
		50	0	24.94	26.34	25.13	25.37	25.85	25.38	25.86	26.12	24.37	24.05	26.12	23.02
		1	0	24.42	25.04	23.95	24.36	25.02	24.44	24.52	24.99	23.46	22.17	25.23	22.97
		1	24	24.34	25.12	24.42	24.35	25.29	24.78	25.18	25.53	23.81	22.42	25.13	22.83
		1	49	24.30	25.11	24.07	24.45	25.05	24.37	25.28	24.88	24.25	22.22	25.10	23.35
		25	0	23.76	25.14	23.74	24.55	24.73	24.41	24.35	24.87	23.34	22.10	24.90	21.71
		25	12	23.79	25.01	24.04	24.09	24.88	24.30	24.45	25.31	23.34	22.24	24.92	21.77
		25	24	23.78	25.26	23.89	24.38	25.05	24.39	24.94	24.81	23.53	22.05	25.02	22.00
		50	0	23.75	25.10	24.00	24.29	24.84	24.14	24.68	25.12	23.23	22.25	24.92	21.92

OUTPUT POWER FOR LTE BAND 41 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				39765	40640	41515	39765	40640	41515	39765	40640	41515	39765	40640	41515
15.0	QPSK	1	0	2507.5	2595.0	2682.5	2507.5	2595.0	2682.5	2507.5	2595.0	2682.5	2507.5	2595.0	2682.5
		1	0	24.67	28.54	27.67	24.79	28.54	27.93	25.62	28.40	26.81	23.49	28.40	25.98
		1	37	27.69	28.58	27.70	27.97	28.21	28.00	27.70	28.70	27.23	26.15	28.62	26.25
		1	74	27.70	28.51	27.55	28.00	28.68	28.00	27.36	28.32	27.70	26.50	28.66	26.50
		36	0	24.50	28.70	27.22	24.88	28.42	27.83	25.56	28.30	26.52	23.26	28.30	25.14
		36	16	27.26	28.60	27.24	27.86	28.70	27.84	28.70	28.43	26.78	25.75	28.37	25.27
		36	35	24.60	28.55	27.13	24.86	28.65	27.86	25.45	28.24	26.99	23.25	28.70	25.38
	16QAM	75	0	25.85	28.51	27.19	26.06	27.99	27.81	26.89	28.30	26.77	24.68	28.32	25.22
		1	0	24.51	27.29	26.66	24.81	27.46	26.78	25.68	27.15	25.80	23.38	27.39	24.94
		1	37	26.78	27.56	26.53	27.02	27.14	26.99	27.75	27.50	26.11	25.63	27.41	25.01
		1	74	24.60	27.33	26.53	24.83	27.57	26.81	25.49	27.18	26.65	23.48	27.46	25.48
		36	0	24.45	27.53	25.95	24.76	27.24	26.73	25.50	27.30	25.50	23.23	27.15	24.01
		36	16	26.90	27.59	26.11	27.06	27.68	26.76	27.88	27.41	25.77	25.70	27.24	24.10
		36	35	24.57	27.33	25.86	24.81	27.62	26.66	25.59	27.11	25.99	23.28	27.70	24.29
	64QAM	75	0	25.79	27.44	26.08	26.02	26.77	26.72	26.73	27.30	25.72	24.56	27.05	24.17
		1	0	24.35	26.26	25.64	24.69	26.43	25.53	25.43	26.09	24.58	23.06	26.24	23.80
		1	37	25.21	26.39	25.35	25.66	26.08	25.80	26.35	26.48	25.00	24.07	26.41	23.83
		1	74	24.33	26.21	25.45	24.62	26.34	25.70	25.31	26.10	25.60	23.22	26.42	24.47
		36	0	24.34	26.48	24.82	24.74	26.15	25.54	25.32	26.18	24.30	23.27	25.97	22.98
		36	16	25.30	26.49	24.89	25.77	26.45	25.62	26.38	26.20	24.53	24.29	26.22	22.84
		36	35	24.33	26.09	24.85	24.74	26.39	25.64	25.35	26.04	24.82	23.14	26.56	23.09
	256QAM	75	0	25.23	26.32	25.00	25.63	25.60	25.59	26.40	26.19	24.48	24.30	25.82	22.95
		1	0	23.23	25.24	24.48	23.61	25.29	24.47	24.47	25.02	23.58	22.23	25.04	22.70
		1	37	23.53	25.32	24.17	23.77	25.08	24.57	24.57	25.48	23.97	22.49	25.29	22.61
		1	74	23.36	25.09	24.18	23.76	25.10	24.55	24.30	25.03	24.41	22.00	25.20	23.27
		36	0	23.38	25.33	23.66	23.56	24.96	24.33	24.37	25.05	23.10	22.14	24.89	21.74
		36	16	23.43	25.31	23.77	23.88	25.30	24.57	24.49	24.94	23.33	22.44	24.96	21.61
		36	35	23.39	25.02	23.67	23.63	25.26	24.64	24.23	24.90	23.55	22.06	25.48	21.91
		75	0	23.60	25.10	23.86	23.76	24.56	24.48	24.57	25.07	23.48	22.38	24.62	21.68

OUTPUT POWER FOR LTE BAND 41 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				39790	40640	41490	39790	40640	41490	39790	40640	41490	39790	40640	41490
20.0	QPSK	1	0	2510.0	2595.0	2680.0	2510.0	2595.0	2680.0	2510.0	2595.0	2680.0	2510.0	2595.0	2680.0
		1	0	24.58	28.56	27.60	24.94	27.89	27.88	25.41	27.60	26.77	23.41	28.65	26.20
		1	49	27.70	28.67	27.70	28.00	28.70	28.00	27.87	28.35	27.14	26.50	28.60	26.22
		1	99	27.65	28.53	27.54	27.96	27.82	27.92	28.70	28.70	27.70	26.49	28.67	26.50
		50	0	24.54	28.57	27.20	24.70	28.37	27.81	28.66	27.62	26.44	23.28	28.47	25.20
		50	24	27.26	28.61	27.24	27.91	28.60	27.82	27.93	28.02	26.69	25.73	28.70	25.31
		50	49	24.48	28.57	27.18	24.89	28.34	27.84	25.47	28.13	26.97	23.37	28.60	25.33
	16QAM	100	0	25.80	28.55	27.17	26.20	28.34	27.81	26.80	27.94	26.70	24.74	28.50	25.31
		1	0	24.43	27.37	26.39	24.76	26.72	26.83	25.63	26.50	25.61	23.30	27.38	25.07
		1	49	26.82	27.45	26.57	27.03	27.55	27.00	27.71	27.30	25.87	25.57	27.47	25.14
		1	99	24.43	27.35	26.37	24.85	26.66	26.80	25.57	27.66	26.43	23.49	27.43	25.34
		50	0	24.43	27.54	26.01	24.79	27.36	26.70	25.43	26.51	25.22	23.29	27.46	24.04
		50	24	26.83	27.52	26.08	27.23	27.44	26.62	27.94	26.92	25.42	25.53	27.45	24.16
		50	49	24.58	27.56	26.00	24.77	27.31	26.80	25.44	26.96	25.71	23.36	27.56	24.08
	64QAM	100	0	25.84	27.45	25.90	26.10	27.13	26.69	26.77	26.72	25.66	24.60	27.34	24.10
		1	0	24.46	26.32	25.16	24.71	25.48	25.75	25.36	25.31	24.50	23.11	26.28	23.85
		1	49	25.39	26.23	25.47	25.61	26.54	25.78	26.37	26.03	24.68	24.12	26.29	23.99
		1	99	24.42	26.13	25.19	24.69	25.57	25.65	25.49	26.64	25.36	23.07	26.38	24.32
		50	0	24.29	26.54	24.80	24.68	26.20	25.55	25.41	25.29	24.08	23.20	26.39	22.96
		50	24	25.44	26.50	25.01	25.68	26.21	25.48	26.38	25.65	24.16	24.26	26.30	23.00
		50	49	24.22	26.54	24.83	24.61	26.27	25.80	25.20	25.88	24.55	23.12	26.32	22.83
	256QAM	100	0	25.25	26.33	24.83	25.51	26.08	25.58	26.26	25.64	24.58	24.03	26.20	22.97
		1	0	23.32	25.16	23.94	23.64	24.35	24.73	24.31	24.21	23.27	22.04	25.08	22.71
		1	49	23.57	25.13	24.45	23.77	25.50	24.66	24.50	24.89	23.61	22.44	25.28	22.90
		1	99	23.35	24.93	23.94	23.68	24.45	24.46	24.29	25.42	24.27	22.00	25.27	23.14
		50	0	23.26	25.52	23.79	23.74	24.99	24.53	24.46	24.27	23.04	22.26	25.20	21.88
		50	24	23.67	25.24	23.87	23.79	25.14	24.36	24.64	24.50	23.00	22.30	25.25	21.75
		50	49	23.42	25.54	23.74	23.66	25.07	24.74	24.30	24.62	23.38	22.11	25.15	21.65
		100	0	23.64	25.06	23.78	23.82	24.85	24.37	24.54	24.58	23.47	22.48	25.19	21.96

8.9. 5G NR n41 (IC)

Test Engineer ID:	32894	Test Date:	2025-06-22
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OUTPUT POWER FOR 5G NR n41 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				501000	519000	537000	501000	519000	537000	501000	519000	537000	501000	519000	537000
10.0	BPSK	1	0	24.66	25.80	24.63	24.74	25.82	24.84	25.26	25.79	24.59	23.23	25.92	23.44
		1	1	27.01	28.62	27.58	26.17	28.53	27.99	27.78	28.63	27.70	25.74	28.57	26.50
		1	22	27.70	28.58	27.58	28.00	28.70	27.83	28.47	28.62	27.24	26.50	28.69	26.46
		1	23	24.54	25.88	24.40	24.75	25.95	24.83	25.34	25.85	24.67	23.23	25.88	23.35
		12	6	27.06	28.70	27.70	26.21	28.65	28.00	28.32	28.70	27.17	25.81	28.70	26.46
		24	0	26.86	28.46	26.93	25.88	28.50	27.50	27.71	28.41	26.86	25.11	28.60	25.85
	QPSK	1	0	24.65	25.79	24.62	24.73	25.81	24.83	25.25	25.78	24.58	23.22	25.91	23.43
		1	1	27.00	28.61	27.57	26.16	28.52	27.98	27.77	28.62	27.69	25.73	28.56	26.49
		1	22	27.69	28.57	27.57	27.99	28.69	27.82	28.46	28.61	27.23	26.49	28.68	26.45
		1	23	24.53	25.87	24.39	24.74	25.94	24.82	25.33	25.84	24.66	23.22	25.87	23.34
		12	6	27.05	28.69	27.69	26.20	28.64	27.99	28.31	28.69	27.16	25.80	28.69	26.45
		24	0	26.85	28.45	26.92	25.87	28.49	27.49	27.70	28.40	26.85	25.10	28.59	25.84
	16QAM	1	0	24.54	25.53	24.51	24.89	25.70	25.00	25.36	25.58	24.48	23.23	25.69	23.43
		1	1	26.74	27.83	26.92	27.06	27.81	27.07	27.67	27.91	26.71	25.66	27.89	25.50
		1	22	26.90	27.87	26.89	27.23	27.72	27.09	27.69	27.88	26.78	25.75	27.77	25.58
		1	23	24.49	25.60	24.58	24.84	25.62	24.71	25.35	25.66	24.51	23.23	25.47	23.38
		12	6	26.83	27.83	26.81	27.13	27.94	27.10	27.52	27.87	26.95	25.64	27.92	25.69
		24	0	25.76	26.70	25.84	26.00	26.90	26.20	26.50	26.92	25.95	24.51	26.93	24.74
	64QAM	1	0	24.28	25.30	24.23	24.53	25.50	24.68	25.12	25.25	24.23	23.28	25.25	23.26
		1	1	25.34	26.20	25.34	25.68	26.22	25.77	26.11	26.40	25.41	24.22	26.48	24.26
		1	22	25.29	26.22	25.39	25.61	26.23	25.62	25.99	26.21	25.49	24.14	26.44	24.05
		1	23	24.30	25.24	24.26	24.77	25.21	24.54	25.25	25.24	24.24	23.11	25.49	23.12
		12	6	25.38	26.46	25.46	25.64	26.42	25.75	26.21	26.31	25.20	24.17	26.39	24.21
		24	0	25.32	26.23	25.25	25.78	26.33	25.76	26.05	26.32	25.50	24.11	26.46	24.13
	256QAM	1	0	23.41	24.39	23.24	23.70	24.44	23.66	24.13	24.45	23.29	22.15	24.23	22.23
		1	1	23.60	24.68	23.68	23.79	24.64	23.99	24.45	24.63	23.60	22.36	24.51	22.41
		1	22	23.66	24.57	23.63	23.91	24.54	23.72	24.41	24.47	23.43	22.46	24.59	22.49
		1	23	23.33	24.39	23.48	23.53	24.43	23.60	24.13	24.41	23.49	22.01	24.28	22.17
		12	6	23.58	24.53	23.50	23.70	24.45	23.78	24.21	24.58	23.54	22.32	24.70	22.31
		24	0	23.63	24.51	23.59	23.71	24.69	23.92	24.34	24.63	23.52	22.42	24.55	22.28

OUTPUT POWER FOR 5G NR n41 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				501504	519000	536496	501504	519000	536496	501504	519000	536496	501504	519000	536496
15.0	BPSK	1	0	24.57	25.85	24.62	24.90	25.85	24.76	25.57	25.83	24.45	23.50	25.87	23.23
		1	1	26.96	28.66	27.63	26.15	28.63	27.97	27.94	28.68	27.70	25.74	28.67	26.46
		1	36	27.70	28.64	27.70	28.00	28.68	27.96	28.62	28.63	27.27	26.50	28.70	26.46
		1	37	24.49	25.84	24.46	24.70	25.92	24.84	25.61	25.86	24.59	23.38	25.85	23.26
		18	9	26.97	28.70	27.66	26.11	28.70	28.00	28.51	28.70	27.26	25.94	28.65	26.50
		36	0	25.20	28.51	26.98	25.50	28.54	27.42	26.20	28.51	27.05	24.00	28.57	25.83
	QPSK	1	0	24.56	25.84	24.61	24.89	25.84	24.75	25.56	25.82	24.44	23.49	25.86	23.22
		1	1	26.95	28.65	27.62	26.14	28.62	27.96	27.93	28.67	27.69	25.73	28.66	26.45
		1	36	27.69	28.63	27.69	27.99	28.67	27.95	28.61	28.62	27.26	26.49	28.69	26.45
		1	37	24.48	25.83	24.45	24.69	25.91	24.83	25.60	25.85	24.58	23.37	25.84	23.25
		18	9	26.96	28.69	27.65	26.10	28.69	27.99	28.50	28.69	27.25	25.93	28.64	26.49
		36	0	25.19	28.50	26.97	25.49	28.53	27.41	26.19	28.50	27.04	23.99	28.56	25.82
	16QAM	1	0	24.58	25.53	24.53	24.93	25.55	24.78	25.51	25.49	24.50	23.48	25.40	23.47
		1	1	26.92	27.89	26.77	27.18	27.90	27.22	27.87	27.88	26.80	25.73	27.75	25.69
		1	36	26.76	27.89	26.72	27.21	27.89	27.25	27.74	27.83	26.71	25.51	27.95	25.68
		1	37	24.65	25.42	24.58	24.92	25.55	24.94	25.44	25.46	24.52	23.28	25.44	23.44
		18	9	26.78	27.85	26.93	27.07	27.75	27.12	27.74	27.79	26.74	25.58	27.83	25.51
		36	0	25.20	26.91	25.88	25.50	26.95	26.13	26.20	26.86	25.86	24.00	26.91	24.66
	64QAM	1	0	24.48	25.27	24.31	24.59	25.24	24.65	25.20	25.32	24.35	23.28	25.34	23.16
		1	1	25.25	26.34	25.38	25.72	26.44	25.58	26.24	26.50	25.39	24.20	26.50	24.27
		1	36	25.44	26.33	25.37	25.76	26.20	25.60	26.21	26.47	25.45	24.20	26.21	24.13
		1	37	24.37	25.25	24.34	24.62	25.32	24.54	25.27	25.34	24.37	23.27	25.49	23.24
		18	9	25.36	26.40	25.32	25.61	26.36	25.78	26.39	26.41	25.36	24.08	26.43	24.04
		36	0	25.20	26.27	25.50	25.50	26.21	25.61	26.13	26.45	25.27	24.00	26.22	24.18
	256QAM	1	0	23.22	24.22	23.38	23.68	24.31	23.50	24.12	24.31	23.38	22.14	24.37	22.07
		1	1	23.60	24.56	23.61	23.91	24.68	23.98	24.62	24.47	23.52	22.43	24.58	22.40
		1	36	23.61	24.46	23.60	23.96	24.58	23.88	24.43	24.70	23.61	22.27	24.64	22.46
		1	37	23.28	24.22	23.47	23.68	24.23	23.73	24.25	24.28	23.37	22.07	24.38	22.28
		18	9	23.65	24.55	23.61	23.83	24.56	23.95	24.48	24.42	23.68	22.47	24.43	22.38
		36	0	23.49	24.44	23.40	23.93	24.63	23.90	24.43	24.63	23.49	22.30	24.54	22.39

OUTPUT POWER FOR 5G NR n41 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				502002	519000	535998	502002	519000	535998	502002	519000	535998	502002	519000	535998
20.0	BPSK	1	0	24.43	25.86	24.60	24.75	25.91	24.99	25.43	25.92	24.61	23.22	25.84	23.30
		1	1	27.27	28.53	27.69	26.10	28.70	27.90	28.01	28.63	27.70	25.59	28.63	26.39
		1	49	27.70	28.68	27.69	28.00	28.63	28.00	28.49	28.55	27.36	26.50	28.62	26.49
		1	50	24.65	25.77	24.66	24.75	25.92	24.97	25.30	25.87	24.66	23.36	25.78	23.32
		25	12	26.96	28.67	27.70	26.17	28.67	27.99	28.47	28.70	27.51	25.71	28.70	26.50
		50	0	25.70	28.70	27.24	26.00	28.68	27.56	26.70	28.70	27.70	24.50	28.70	25.87
	QPSK	1	0	24.42	25.85	24.59	24.74	25.90	24.98	25.42	25.91	24.60	23.21	25.83	23.29
		1	1	27.26	28.52	27.68	26.09	28.69	27.89	28.00	28.62	27.69	25.58	28.62	26.38
		1	49	27.69	28.67	27.68	27.99	28.62	27.99	28.48	28.54	27.35	26.49	28.61	26.48
		1	50	24.64	25.76	24.65	24.74	25.91	24.96	25.29	25.86	24.65	23.35	25.77	23.31
		25	12	26.95	28.66	27.69	26.16	28.66	27.98	28.46	28.69	27.50	25.70	28.69	26.49
		50	0	25.69	28.69	27.23	25.99	28.67	27.55	26.69	28.69	27.69	24.49	28.69	25.86
	16QAM	1	0	24.46	25.44	24.42	24.87	25.46	24.97	25.33	25.59	24.67	23.43	25.56	23.47
		1	1	26.88	27.77	26.87	27.00	27.70	27.02	27.57	27.72	26.82	25.51	27.70	25.64
		1	49	26.79	27.76	26.82	27.14	27.73	27.04	27.72	27.95	26.79	25.58	27.82	25.67
		1	50	24.64	25.66	24.54	24.83	25.56	24.83	25.40	25.50	24.51	23.47	25.48	23.27
		25	12	26.90	27.74	26.71	27.19	27.92	27.06	27.68	27.93	26.94	25.50	27.76	25.66
		50	0	25.70	26.75	25.74	26.00	26.72	26.13	26.54	26.77	25.83	24.50	26.95	24.54
	64QAM	1	0	24.30	25.42	24.29	24.57	25.23	24.66	25.27	25.32	24.39	23.27	25.29	23.21
		1	1	25.35	26.21	25.23	25.68	26.28	25.50	26.28	26.34	25.48	24.29	26.20	24.05
		1	49	25.50	26.24	25.35	25.54	26.47	25.79	26.28	26.50	25.28	24.13	26.20	24.13
		1	50	24.37	25.26	24.50	24.71	25.27	24.70	25.04	25.50	24.36	23.21	25.45	23.01
		25	12	25.32	26.39	25.33	25.78	26.46	25.55	26.13	26.33	25.23	24.20	26.39	24.26
		50	0	25.37	26.21	25.20	25.63	26.28	25.55	26.14	26.34	25.20	24.07	26.39	24.29
	256QAM	1	0	23.27	24.27	23.39	23.74	24.38	23.80	24.20	24.32	23.30	22.03	24.23	22.18
		1	1	23.63	24.60	23.65	23.98	24.43	23.74	24.44	24.56	23.53	22.28	24.64	22.33
		1	49	23.40	24.60	23.43	23.91	24.47	23.92	24.21	24.63	23.66	22.45	24.55	22.46
		1	50	23.41	24.43	23.29	23.66	24.40	23.75	24.11	24.47	23.42	22.17	24.37	22.06
		25	12	23.43	24.63	23.46	23.83	24.64	23.77	24.23	24.54	23.51	22.49	24.43	22.27
		50	0	23.46	24.50	23.50	23.77	24.57	23.86	24.30	24.49	23.54	22.31	24.59	22.41

OUTPUT POWER FOR 5G NR n41 (25.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				502500	519000	535500	502500	519000	535500	502500	519000	535500	502500	519000	535500
25.0	BPSK	1	0	24.64	25.90	25.56	24.86	25.99	24.99	25.52	25.97	25.01	23.43	25.81	23.40
		1	1	27.43	28.70	27.67	22.75	28.70	27.96	27.97	28.66	27.70	26.31	28.70	26.50
		1	63	27.70	27.81	27.70	28.00	28.57	28.00	28.70	28.70	27.00	26.50	28.58	26.48
		1	64	25.06	25.64	25.55	24.96	25.75	24.97	25.51	25.99	25.03	23.40	25.82	23.23
		32	16	27.22	27.89	27.68	24.70	28.59	27.83	28.54	28.55	27.09	26.26	28.63	26.42
		64	0	27.15	27.04	27.60	24.64	28.49	27.54	27.97	28.70	27.70	25.66	28.53	25.93
	QPSK	1	0	24.63	25.89	25.55	24.85	25.98	24.98	25.51	25.96	25.00	23.42	25.80	23.39
		1	1	27.42	28.69	27.66	22.74	28.69	27.95	27.96	28.65	27.69	26.30	28.69	26.49
		1	63	27.69	27.80	27.69	27.99	28.56	27.99	28.69	28.69	26.99	26.49	28.57	26.47
		1	64	25.05	25.63	25.54	24.95	25.74	24.96	25.50	25.98	25.02	23.39	25.81	23.22
		32	16	27.21	27.88	27.67	24.69	28.58	27.82	28.53	28.54	27.08	26.25	28.62	26.41
		64	0	27.14	27.03	27.59	24.63	28.48	27.53	27.96	28.69	27.69	25.65	28.52	25.92
	16QAM	1	0	24.59	25.62	24.66	24.70	25.43	24.94	25.53	25.54	24.57	23.32	25.47	23.43
		1	1	26.74	27.75	26.76	27.24	27.90	27.19	27.82	27.87	26.71	25.71	27.80	25.56
		1	63	26.94	27.79	26.77	27.13	27.91	27.20	27.85	27.70	26.89	25.58	27.76	25.53
		1	64	24.63	25.64	24.59	24.83	25.48	24.89	25.63	25.69	24.65	23.37	25.53	23.43
		32	16	26.89	27.73	26.79	27.17	27.71	27.12	27.77	27.76	26.85	25.64	27.95	25.71
		64	0	25.74	26.86	25.70	26.22	26.75	26.15	26.92	26.93	25.76	24.68	26.91	24.66
	64QAM	1	0	24.23	25.37	24.30	24.80	25.40	24.53	25.24	25.41	24.43	23.15	25.28	23.07
		1	1	25.42	26.37	25.27	25.62	26.29	25.76	26.43	26.43	25.48	24.29	26.28	24.13
		1	63	25.33	26.28	25.32	25.74	26.28	25.69	26.37	26.22	25.39	24.22	26.29	24.02
		1	64	24.43	25.46	24.25	24.59	25.37	24.58	25.49	25.29	24.42	23.02	25.35	23.17
		32	16	25.34	26.40	25.39	25.63	26.32	25.68	26.21	26.24	25.32	24.25	26.20	24.16
		64	0	25.42	26.23	25.37	25.59	26.50	25.56	26.48	26.45	25.37	24.00	26.46	24.19
	256QAM	1	0	23.40	24.46	23.36	23.65	24.26	23.59	24.32	24.41	23.20	22.14	24.22	22.09
		1	1	23.41	24.45	23.56	23.73	24.58	23.99	24.42	24.51	23.41	22.47	24.59	22.27
		1	63	23.51	24.40	23.57	24.00	24.58	23.86	24.40	24.67	23.44	22.35	24.41	22.28
		1	64	23.23	24.30	23.40	23.67	24.36	23.64	24.32	24.25	23.49	22.20	24.26	22.14
		32	16	23.69	24.52	23.52	24.00	24.53	23.85	24.55	24.62	23.40	22.49	24.63	22.28
		64	0	23.60	24.53	23.54	23.82	24.51	23.73	24.40	24.65	23.43	22.43	24.56	22.33

OUTPUT POWER FOR 5G NR n41 (30.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				503004	519000	534996	503004	519000	534996	503004	519000	534996	503004	519000	534996
30.0	BPSK	1	0	24.60	25.82	24.48	24.78	25.84	24.97	25.68	25.95	24.59	23.38	25.97	23.28
		1	1	27.08	28.70	27.70	26.03	28.70	27.97	27.14	28.70	27.70	25.67	28.70	26.50
		1	76	27.70	28.47	27.64	28.00	28.50	28.00	28.70	28.56	27.17	26.50	28.55	26.42
		1	77	24.48	25.80	24.44	24.80	25.78	24.83	25.70	25.78	24.62	23.46	25.84	23.36
		36	18	26.87	28.53	27.55	25.90	28.49	27.87	28.50	28.56	27.59	25.66	28.54	26.32
		75	0	25.70	28.55	27.13	26.00	28.45	27.48	26.70	28.57	27.02	24.50	28.58	25.72
	QPSK	1	0	24.59	25.81	24.47	24.77	25.83	24.96	25.67	25.94	24.58	23.37	25.96	23.27
		1	1	27.07	28.69	27.69	26.02	28.69	27.96	27.13	28.69	27.69	25.66	28.69	26.49
		1	76	27.69	28.46	27.63	27.99	28.49	27.99	28.69	28.55	27.16	26.49	28.54	26.41
		1	77	24.47	25.79	24.43	24.79	25.77	24.82	25.69	25.77	24.61	23.45	25.83	23.35
		36	18	26.86	28.52	27.54	25.89	28.48	27.86	28.49	28.55	27.58	25.65	28.53	26.31
		75	0	25.69	28.54	27.12	25.96	28.44	27.47	26.69	28.56	27.01	24.49	28.57	25.71
	16QAM	1	0	24.68	25.46	24.45	24.76	25.41	24.92	25.69	25.59	24.41	23.44	25.40	23.22
		1	1	26.95	27.88	26.93	27.07	27.83	27.13	27.79	27.94	26.77	25.72	27.76	25.63
		1	76	26.76	27.87	26.80	27.03	27.88	27.11	27.93	27.70	26.73	25.58	27.80	25.52
		1	77	24.55	25.60	24.47	24.89	25.69	24.87	25.69	25.59	24.51	23.42	25.49	23.33
		36	18	26.89	27.81	26.85	27.12	27.77	27.03	27.94	27.93	26.92	25.74	27.72	25.51
		75	0	25.70	26.86	25.79	26.00	26.72	26.04	26.70	26.89	25.88	24.50	26.89	24.65
	64QAM	1	0	24.32	25.40	24.32	24.51	25.20	24.55	25.31	25.44	24.35	23.14	25.43	23.29
		1	1	25.41	26.24	25.41	25.69	26.35	25.63	26.38	26.25	25.21	24.23	26.22	24.25
		1	76	25.28	26.35	25.50	25.51	26.45	25.59	26.47	26.26	25.34	24.30	26.40	24.26
		1	77	24.41	25.39	24.34	24.74	25.22	24.51	25.22	25.35	24.39	23.30	25.46	23.23
		36	18	25.36	26.33	25.47	25.62	26.24	25.59	26.41	26.42	25.25	24.24	26.50	24.15
		75	0	25.36	26.40	25.29	25.70	26.23	25.52	26.39	26.43	25.44	24.01	26.50	24.24
	256QAM	1	0	23.26	24.42	23.27	23.76	24.21	23.62	24.31	24.34	23.23	22.25	24.26	22.28
		1	1	23.56	24.64	23.40	23.85	24.45	23.82	24.62	24.64	23.49	22.43	24.54	22.44
		1	76	23.66	24.58	23.46	23.80	24.48	23.98	24.64	24.67	23.48	22.46	24.68	22.36
		1	77	23.34	24.50	23.31	23.53	24.44	23.73	24.50	24.20	23.34	22.25	24.32	22.10
		36	18	23.42	24.62	23.50	23.96	24.44	23.85	24.41	24.66	23.46	22.47	24.67	22.48
		75	0	23.50	24.62	23.58	24.00	24.44	23.76	24.70	24.42	23.46	22.22	24.53	22.48

OUTPUT POWER FOR 5G NR n41 (35.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				503502	519000	534498	503502	519000	534498	503502	519000	534498	503502	519000	534498
35.0	BPSK	1	0	24.48	26.60	25.53	24.93	25.85	24.72	25.59	26.48	25.10	23.45	25.76	23.30
		1	1	27.70	28.70	27.59	26.07	28.70	28.00	26.95	28.62	27.70	26.24	28.70	26.41
		1	90	27.40	27.47	27.05	28.00	28.62	27.86	28.52	28.54	26.77	26.50	28.51	26.50
		1	91	24.54	26.51	25.59	24.86	25.87	24.88	25.42	26.31	25.09	23.32	25.69	23.43
		45	22	27.56	28.64	27.70	26.30	28.63	27.95	28.66	28.70	27.40	26.36	28.61	26.47
		90	0	25.70	28.53	27.61	26.00	28.52	27.52	26.70	28.70	27.70	24.50	28.51	25.84
	QPSK	1	0	24.47	26.59	25.52	24.92	25.84	24.71	25.58	26.47	25.09	23.44	25.75	23.29
		1	1	27.69	28.69	27.58	26.06	28.69	27.99	26.94	28.61	27.69	26.23	28.69	26.40
		1	90	27.39	27.46	27.04	27.99	28.61	27.85	28.51	28.53	26.76	26.49	28.50	26.49
		1	91	24.53	26.50	25.58	24.85	25.86	24.87	25.41	26.30	25.08	23.31	25.68	23.42
		45	22	27.55	28.63	27.69	26.29	28.62	27.94	28.65	28.69	27.39	26.35	28.60	26.46
		90	0	25.69	28.52	27.60	25.99	28.51	27.51	26.69	28.69	27.69	24.49	28.50	25.83
	16QAM	1	0	24.49	25.58	24.70	24.77	25.56	24.75	25.55	25.55	24.54	23.43	25.69	23.46
		1	1	26.90	27.93	26.85	27.18	27.77	27.12	27.87	27.86	26.83	25.70	27.93	25.68
		1	90	26.78	27.79	26.95	27.12	27.88	27.13	27.75	27.70	26.89	25.73	27.85	25.53
		1	91	24.40	25.49	24.59	24.96	25.49	24.97	25.56	25.46	24.60	23.27	25.66	23.29
		45	22	26.89	27.81	26.77	27.23	27.81	27.05	27.68	27.91	26.71	25.55	27.84	25.75
		90	0	25.70	26.87	25.86	26.00	26.77	26.17	26.70	26.70	25.78	24.50	26.70	24.51
	64QAM	1	0	24.49	25.23	24.28	24.75	25.34	24.62	25.39	25.25	24.22	23.00	25.43	23.04
		1	1	25.39	26.39	25.31	25.59	26.24	25.55	26.30	26.24	25.38	24.21	26.28	24.06
		1	90	25.29	26.36	25.48	25.59	26.33	25.80	26.41	26.29	25.25	24.06	26.20	24.13
		1	91	24.27	25.36	24.28	24.55	25.38	24.67	25.40	25.28	24.40	23.19	25.38	23.06
		45	22	25.31	26.37	25.24	25.69	26.50	25.53	26.17	26.24	25.44	24.17	26.40	24.28
		90	0	25.37	26.50	25.32	25.52	26.48	25.68	26.19	26.49	25.36	24.30	26.47	24.06
	256QAM	1	0	23.48	24.45	23.24	23.70	24.32	23.74	24.46	24.40	23.26	22.03	24.50	22.23
		1	1	23.51	24.60	23.41	23.93	24.49	23.77	24.46	24.57	23.46	22.26	24.66	22.25
		1	90	23.53	24.58	23.50	23.74	24.63	23.88	24.57	24.70	23.57	22.30	24.49	22.24
		1	91	23.36	24.32	23.28	23.76	24.43	23.71	24.18	24.37	23.41	22.12	24.37	22.05
		45	22	23.58	24.59	23.41	23.91	24.68	23.97	24.54	24.43	23.52	22.21	24.45	22.42
		90	0	23.61	24.63	23.64	23.88	24.44	23.88	24.41	24.56	23.47	22.36	24.41	22.38

OUTPUT POWER FOR 5G NR n41 (40.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				504000	519000	534000	504000	519000	534000	504000	519000	534000	504000	519000	534000
40.0	BPSK	1	0	24.65	25.77	24.68	24.73	25.68	25.15	25.48	25.96	24.67	23.25	25.84	23.77
		1	1	27.03	28.46	27.67	26.02	28.53	27.95	26.87	28.48	27.58	25.62	28.59	26.47
		1	104	27.70	28.57	27.69	28.00	28.50	27.94	28.62	28.54	27.20	26.50	28.47	26.24
		1	105	24.40	25.69	24.55	24.85	25.78	25.18	25.47	25.82	24.67	23.30	25.71	23.49
		50	25	27.05	28.70	27.70	26.01	28.70	28.00	28.70	28.70	27.70	25.70	28.70	26.50
		100	0	26.98	28.42	27.25	25.93	28.62	27.93	28.18	28.49	26.89	25.15	28.58	26.23
		1	0	24.64	25.76	24.67	24.72	25.67	25.14	25.47	25.95	24.66	23.24	25.83	23.76
		1	1	27.02	28.45	27.66	26.01	28.52	27.94	26.86	28.47	27.57	25.61	28.58	26.46
		1	104	27.69	28.56	27.68	27.99	28.49	27.93	28.60	28.53	27.19	26.49	28.46	26.23
		1	105	24.39	25.68	24.54	24.84	25.77	25.17	25.46	25.81	24.66	23.29	25.70	23.48
	QPSK	50	25	27.04	28.69	27.69	26.00	28.69	27.99	28.69	28.69	27.69	25.69	28.69	26.49
		100	0	26.97	28.41	27.24	25.92	28.61	27.92	28.17	28.48	26.88	25.14	28.57	26.22
		1	0	24.67	25.40	24.68	24.92	25.55	24.75	25.44	25.70	24.58	23.21	25.43	23.44
		1	1	26.71	27.89	26.78	27.10	27.91	27.06	27.87	27.76	26.71	25.75	27.92	25.59
		1	104	26.95	27.89	26.87	27.13	27.79	27.07	27.94	27.73	26.89	25.65	27.77	25.51
		1	105	24.63	25.62	24.60	24.86	25.54	24.96	25.43	25.42	24.51	23.49	25.65	23.46
		50	25	26.94	27.72	26.79	27.20	27.77	27.11	27.93	27.95	26.70	25.50	27.76	25.64
		100	0	25.75	26.83	25.88	26.23	26.85	26.16	26.92	26.91	25.84	24.66	26.84	24.57
		1	0	24.37	25.50	24.31	24.53	25.26	24.70	25.49	25.32	24.47	23.25	25.49	23.23
		1	1	25.35	26.47	25.47	25.53	26.21	25.58	26.35	26.46	25.43	24.18	26.20	24.10
	16QAM	1	104	25.29	26.37	25.29	25.77	26.33	25.68	26.31	26.37	25.30	24.16	26.48	24.02
		1	105	24.46	25.42	24.33	24.67	25.27	24.61	25.45	25.27	24.47	23.18	25.33	23.30
		50	25	25.43	26.20	25.32	25.52	26.37	25.54	26.36	26.31	25.28	24.23	26.36	24.10
		100	0	25.29	26.47	25.42	25.74	26.38	25.72	26.30	26.36	25.38	24.21	26.47	24.21
		1	0	23.22	24.32	23.23	23.60	24.37	23.57	24.47	24.23	23.29	22.19	24.44	22.04
		1	1	23.49	24.40	23.55	23.96	24.56	23.71	24.49	24.59	23.40	22.35	24.42	22.31
		1	104	23.60	24.69	23.56	23.87	24.51	23.70	24.45	24.49	23.41	22.23	24.58	22.32
		1	105	23.21	24.38	23.27	23.68	24.29	23.54	24.34	24.36	23.43	22.24	24.25	22.25
		50	25	23.40	24.48	23.52	24.00	24.45	23.88	24.58	24.55	23.65	22.50	24.44	22.34
		100	0	23.49	24.48	23.69	23.97	24.68	23.98	24.66	24.56	23.64	22.31	24.53	22.45
	64QAM	1	0	24.37	25.50	24.31	24.53	25.26	24.70	25.49	25.32	24.47	23.25	25.49	23.23
		1	1	25.35	26.47	25.47	25.53	26.21	25.58	26.35	26.46	25.43	24.18	26.20	24.10
		1	104	25.29	26.37	25.29	25.77	26.33	25.68	26.31	26.37	25.30	24.16	26.48	24.02
		1	105	24.46	25.42	24.33	24.67	25.27	24.61	25.45	25.27	24.47	23.18	25.33	23.30
		50	25	25.43	26.20	25.32	25.52	26.37	25.54	26.36	26.31	25.28	24.23	26.36	24.10
		100	0	25.29	26.47	25.42	25.74	26.38	25.72	26.30	26.36	25.38	24.21	26.47	24.21
		1	0	23.22	24.32	23.23	23.60	24.37	23.57	24.47	24.23	23.29	22.19	24.44	22.04
		1	1	23.49	24.40	23.55	23.96	24.56	23.71	24.49	24.59	23.40	22.35	24.42	22.31
		1	104	23.60	24.69	23.56	23.87	24.51	23.70	24.45	24.49	23.41	22.23	24.58	22.32
		1	105	23.21	24.38	23.27	23.68	24.29	23.54	24.34	24.36	23.43	22.24	24.25	22.25
	256QAM	50	25	23.40	24.48	23.52	24.00	24.45	23.88	24.58	24.55	23.65	22.50	24.44	22.34
		100	0	23.49	24.48	23.69	23.97	24.68	23.98	24.66	24.56	23.64	22.31	24.53	22.45

OUTPUT POWER FOR 5G NR n41 (45.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				504504	519000	533496	504504	519000	533496	504504	519000	533496	504504	519000	533496
45.0	BPSK	1	0	24.50	26.66	25.44	24.82	25.83	25.27	25.65	26.29	24.44	23.48	25.48	23.47
		1	1	27.70	28.62	27.66	26.00	28.67	27.94	27.95	28.35	27.70	26.41	27.98	26.50
		1	117	27.64	28.70	26.91	28.00	28.70	27.62	28.70	28.40	26.81	25.99	28.25	24.72
		1	118	24.62	26.53	25.58	24.82	25.79	25.32	25.47	26.24	24.55	23.42	25.48	23.46
		54	27	27.50	28.49	27.69	25.85	28.59	27.94	28.23	28.70	27.27	26.50	28.70	26.50
		108	0	25.70	28.54	27.70	26.00	28.60	28.00	26.70	28.48	26.87	24.50	28.20	25.62
		QPSK	1	0	24.49	26.65	25.43	24.81	25.82	25.26	25.64	26.28	24.43	23.47	25.47
	1		1	27.69	28.61	27.65	25.99	28.66	27.93	27.94	28.34	27.69	26.40	27.97	26.49
	1		117	27.63	28.69	26.90	27.99	28.69	27.61	28.69	28.39	26.80	25.98	28.24	24.71
	1		118	24.61	26.52	25.57	24.81	25.78	25.31	25.46	26.23	24.54	23.41	25.47	23.45
	54		27	27.49	28.48	27.68	25.84	28.58	27.93	28.22	28.69	27.26	26.49	28.69	26.49
	108		0	25.69	28.53	27.69	25.75	28.59	27.99	26.69	28.47	26.86	24.49	28.19	25.61
	16QAM		1	0	24.47	25.59	24.58	24.86	25.47	24.93	25.40	25.54	24.40	23.46	25.46
		1	1	26.74	27.72	26.92	27.24	27.82	27.23	27.77	27.70	26.87	25.56	27.81	25.72
		1	117	26.87	27.90	26.90	27.15	27.73	27.09	27.91	27.85	26.93	25.71	27.89	25.54
		1	118	24.46	25.50	24.62	25.00	25.56	24.80	25.56	25.47	24.60	23.29	25.51	23.20
		54	27	26.92	27.82	26.78	27.01	27.95	27.20	27.77	27.76	26.90	25.52	27.80	25.68
		108	0	25.70	26.79	25.86	26.00	26.81	26.16	26.70	26.94	25.77	24.50	26.89	24.68
		64QAM	1	0	24.36	25.47	24.50	24.74	25.23	24.52	25.30	25.32	24.26	23.19	25.28
	1		1	25.32	26.31	25.22	25.71	26.40	25.58	26.48	26.31	25.21	24.20	26.26	24.18
	1		117	25.22	26.50	25.21	25.59	26.34	25.50	26.34	26.23	25.27	24.21	26.29	24.11
	1		118	24.41	25.27	24.28	24.68	25.49	24.52	25.36	25.35	24.20	23.17	25.50	23.06
	54		27	25.35	26.47	25.30	25.80	26.30	25.62	26.37	26.44	25.38	24.03	26.45	24.11
	108		0	25.38	26.23	25.38	25.62	26.46	25.78	26.23	26.36	25.30	24.22	26.47	24.19
	256QAM		1	0	23.24	24.32	23.40	23.74	24.39	23.61	24.36	24.21	23.27	22.11	24.44
		1	1	23.52	24.49	23.61	23.71	24.59	23.92	24.43	24.41	23.67	22.31	24.61	22.35
		1	117	23.70	24.47	23.69	23.81	24.56	23.89	24.64	24.65	23.47	22.24	24.66	22.39
1		118	23.37	24.25	23.47	23.61	24.27	23.77	24.20	24.49	23.33	22.07	24.30	22.12	
54		27	23.53	24.53	23.54	23.90	24.51	23.79	24.47	24.53	23.60	22.44	24.53	22.24	
108		0	23.66	24.58	23.56	23.75	24.45	23.75	24.67	24.48	23.48	22.30	24.46	22.26	

OUTPUT POWER FOR 5G NR n41 (50.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				505002	519000	532998	505002	519000	532998	505002	519000	532998	505002	519000	532998
50.0	BPSK	1	0	24.60	25.74	24.59	24.92	25.91	25.06	25.57	25.95	24.60	23.49	25.79	23.60
		1	1	27.09	28.58	27.44	26.11	28.53	28.00	27.90	28.36	27.70	25.59	28.70	26.50
		1	131	27.70	28.70	27.70	28.00	28.70	27.97	28.70	28.32	27.05	26.50	28.43	26.17
		1	132	24.59	25.93	24.52	24.73	25.89	25.19	25.70	25.80	24.70	23.28	25.67	23.36
		64	32	27.01	28.49	27.34	26.13	28.53	28.00	28.26	28.70	27.51	25.61	28.52	26.35
		128	0	26.92	28.29	27.02	25.88	28.59	27.80	27.58	28.26	26.99	24.95	28.43	26.05
		1	0	24.59	25.73	24.58	24.91	25.90	25.05	25.56	25.94	24.59	23.48	25.78	23.59
		1	1	27.08	28.57	27.43	26.10	28.52	27.99	27.89	28.35	27.69	25.58	28.69	26.49
	QPSK	1	131	27.69	28.69	27.69	27.99	28.69	27.96	28.69	28.31	27.04	26.49	28.42	26.16
		1	132	24.58	25.92	24.51	24.72	25.88	25.18	25.69	25.79	24.69	23.27	25.66	23.35
		64	32	27.00	28.48	27.33	26.12	28.52	27.99	28.25	28.69	27.50	25.60	28.51	26.34
		128	0	26.91	28.28	27.01	25.87	28.58	27.79	27.57	28.25	26.98	24.94	28.42	26.04
		1	0	24.50	25.67	24.67	24.98	25.66	25.00	25.45	25.70	24.43	23.30	25.69	23.35
		1	1	26.87	27.82	26.70	27.24	27.88	27.24	27.88	27.82	26.72	25.63	27.91	25.57
		1	131	26.80	27.84	26.93	27.18	27.95	27.14	27.76	27.95	26.87	25.60	27.83	25.74
		1	132	24.54	25.44	24.43	24.97	25.49	24.70	25.56	25.55	24.62	23.20	25.56	23.31
	16QAM	64	32	26.71	27.82	26.78	27.05	27.72	27.10	27.78	27.81	26.85	25.59	27.89	25.62
		128	0	25.87	26.77	25.79	26.09	26.82	26.02	26.72	26.72	25.86	24.61	26.80	24.68
		1	0	24.43	25.36	24.46	24.69	25.30	24.72	25.45	25.25	24.38	23.23	25.36	23.24
		1	1	25.44	26.46	25.39	25.75	26.44	25.58	26.32	26.41	25.40	24.05	26.38	24.07
		1	131	25.31	26.42	25.49	25.67	26.47	25.77	26.44	26.29	25.43	24.13	26.36	24.01
		1	132	24.43	25.44	24.27	24.57	25.23	24.56	25.34	25.47	24.30	23.09	25.41	23.29
		64	32	25.45	26.20	25.38	25.54	26.21	25.67	26.29	26.50	25.23	24.01	26.32	24.23
		128	0	25.21	26.49	25.46	25.77	26.33	25.65	26.24	26.42	25.29	24.17	26.50	24.20
	64QAM	1	0	23.20	24.34	23.28	23.60	24.28	23.59	24.35	24.34	23.28	22.08	24.41	22.07
		1	1	23.59	24.68	23.40	23.78	24.42	23.86	24.42	24.40	23.67	22.40	24.45	22.42
		1	131	23.60	24.41	23.48	23.94	24.62	23.97	24.67	24.49	23.58	22.21	24.49	22.24
		1	132	23.47	24.37	23.26	23.65	24.44	23.59	24.31	24.43	23.26	22.13	24.36	22.30
		64	32	23.56	24.47	23.61	23.81	24.41	23.86	24.66	24.57	23.63	22.45	24.42	22.42
		128	0	23.62	24.67	23.42	23.71	24.60	23.90	24.63	24.55	23.49	22.35	24.67	22.36
	256QAM	1	0	23.20	24.34	23.28	23.60	24.28	23.59	24.35	24.34	23.28	22.08	24.41	22.07
		1	1	23.59	24.68	23.40	23.78	24.42	23.86	24.42	24.40	23.67	22.40	24.45	22.42
		1	131	23.60	24.41	23.48	23.94	24.62	23.97	24.67	24.49	23.58	22.21	24.49	22.24
		1	132	23.47	24.37	23.26	23.65	24.44	23.59	24.31	24.43	23.26	22.13	24.36	22.30
		64	32	23.56	24.47	23.61	23.81	24.41	23.86	24.66	24.57	23.63	22.45	24.42	22.42
		128	0	23.62	24.67	23.42	23.71	24.60	23.90	24.63	24.55	23.49	22.35	24.67	22.36

OUTPUT POWER FOR 5G NR n41 (60.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				506004	519000	531996	506004	519000	531996	506004	519000	531996	506004	519000	531996
60.0	BPSK	1	0	25.03	26.09	24.85	24.93	25.96	24.93	25.53	26.17	24.96	23.49	26.03	23.63
		1	1	26.59	28.70	27.45	26.19	28.70	28.00	26.34	28.70	27.70	24.09	28.70	26.50
		1	160	27.70	28.66	27.70	28.00	28.65	27.78	28.70	28.34	27.23	26.50	28.58	26.13
		1	161	24.92	26.04	25.11	25.31	25.98	25.08	26.02	25.91	24.94	23.69	25.78	23.46
		81	40	26.57	28.69	27.33	26.07	28.69	27.70	27.67	28.68	27.21	24.26	28.49	26.21
		162	0	26.60	28.59	27.33	26.07	28.59	27.68	27.33	28.45	26.80	24.25	28.51	26.17
		1	0	25.02	26.08	24.84	24.92	25.95	24.92	25.52	26.16	24.95	23.48	26.02	23.62
		1	1	26.58	28.69	27.44	26.18	28.69	27.99	26.33	28.69	27.69	24.08	28.69	26.49
	QPSK	1	160	27.69	28.65	27.69	27.99	28.64	27.77	28.69	28.33	27.22	26.49	28.57	26.12
		1	161	24.91	26.03	25.10	25.30	25.97	25.07	26.01	25.90	24.93	23.68	25.77	23.45
		81	40	26.56	28.68	27.32	26.06	28.68	27.69	27.66	28.67	27.20	24.25	28.48	26.20
		162	0	26.59	28.58	27.32	26.06	28.58	27.67	27.32	28.44	26.79	24.24	28.50	26.16
		1	0	24.57	25.68	24.60	24.98	25.56	24.94	25.67	25.58	24.42	23.32	25.51	23.26
		1	1	26.91	27.73	26.70	27.24	27.91	27.15	27.91	27.88	26.95	25.72	27.85	25.72
		1	160	26.85	27.82	26.81	27.06	27.77	27.11	27.83	27.93	26.85	25.63	27.90	25.61
		1	161	24.47	25.42	24.61	24.75	25.67	24.83	25.53	25.64	24.51	23.41	25.66	23.43
	16QAM	81	40	26.80	27.70	26.94	27.18	27.90	27.10	27.71	27.93	26.70	25.51	27.91	25.64
		162	0	25.83	26.92	25.95	26.09	26.70	26.13	26.86	26.95	25.70	24.63	26.90	24.70
		1	0	24.26	25.24	24.36	24.54	25.29	24.62	25.23	25.30	24.34	23.15	25.41	23.22
		1	1	25.46	26.21	25.20	25.53	26.39	25.69	26.30	26.26	25.41	24.12	26.38	24.27
		1	160	25.26	26.25	25.34	25.64	26.22	25.52	26.33	26.26	25.24	24.12	26.46	24.10
		1	161	24.22	25.50	24.25	24.54	25.48	24.71	25.29	25.39	24.33	23.28	25.45	23.27
		81	40	25.35	26.20	25.22	25.52	26.20	25.73	26.23	26.34	25.30	24.08	26.36	24.05
		162	0	25.20	26.44	25.32	25.60	26.34	25.63	26.33	26.49	25.42	24.00	26.26	24.30
	64QAM	1	0	23.25	24.44	23.49	23.80	24.28	23.50	24.42	24.28	23.44	22.17	24.26	22.29
		1	1	23.57	24.51	23.59	23.80	24.40	23.77	24.44	24.48	23.61	22.32	24.45	22.35
		1	160	23.45	24.70	23.50	24.00	24.65	23.98	24.65	24.65	23.59	22.32	24.62	22.26
		1	161	23.44	24.35	23.34	23.57	24.46	23.68	24.32	24.21	23.37	22.29	24.39	22.24
		81	40	23.68	24.63	23.51	23.81	24.53	23.84	24.65	24.40	23.40	22.39	24.51	22.48
		162	0	23.48	24.63	23.49	23.99	24.51	23.76	24.69	24.56	23.65	22.34	24.52	22.36

OUTPUT POWER FOR 5G NR n41 (70.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				507000	519000	531000	507000	519000	531000	507000	519000	531000	507000	519000	531000
70.0	BPSK	1	0	25.19	25.78	25.00	24.91	25.59	25.72	25.53	25.79	25.35	25.21	25.83	24.73
		1	1	26.67	28.44	27.52	25.98	26.71	27.16	26.75	28.37	27.70	25.68	27.16	26.50
		1	187	27.70	28.70	27.70	28.00	26.94	26.25	28.70	28.14	27.28	26.50	27.46	24.58
		1	188	25.09	25.93	25.13	26.07	26.05	25.72	25.73	25.82	25.42	26.13	26.42	24.48
		90	45	26.65	28.55	27.24	26.06	28.70	28.00	28.08	28.70	27.33	25.96	28.70	26.03
		180	0	26.70	28.70	27.70	26.70	28.70	28.00	26.70	28.70	27.70	26.70	28.70	26.50
	QPSK	1	0	25.18	25.77	24.99	24.90	25.58	25.71	25.52	25.78	25.34	25.20	25.82	24.72
		1	1	26.66	28.43	27.51	25.97	26.70	27.15	26.74	28.36	27.69	25.67	27.15	26.49
		1	187	27.69	28.69	27.69	27.99	26.93	26.24	28.69	28.13	27.27	26.49	27.45	24.57
		1	188	25.08	25.92	25.12	26.06	26.04	25.71	25.72	25.81	25.41	26.12	26.41	24.47
		90	45	26.64	28.54	27.23	26.05	28.69	27.99	28.07	28.69	27.32	25.95	28.69	26.02
		180	0	26.69	28.69	27.69	26.69	28.69	27.99	26.69	28.69	27.69	26.69	28.69	26.49
	16QAM	1	0	24.47	25.66	24.50	24.93	25.45	24.90	25.51	25.47	24.46	23.64	25.59	23.46
		1	1	26.80	27.83	26.74	27.10	27.88	27.14	27.87	27.79	26.76	25.95	27.80	25.52
		1	187	26.80	27.86	26.76	27.15	27.94	27.22	27.72	27.89	26.86	25.87	27.91	25.50
		1	188	24.51	25.56	24.50	24.83	25.67	24.70	25.53	25.69	24.66	23.45	25.57	23.33
		90	45	26.72	27.91	26.79	27.20	27.81	27.09	27.85	27.87	26.92	25.74	27.85	25.72
		180	0	25.85	26.89	25.90	26.18	26.84	26.02	26.70	26.70	25.93	24.95	26.75	24.50
	64QAM	1	0	24.42	25.47	24.41	24.76	25.48	24.76	25.31	25.28	24.23	23.33	25.33	23.04
		1	1	25.35	26.32	25.33	25.74	26.26	25.64	26.20	26.47	25.40	24.28	26.48	24.18
		1	187	25.28	26.35	25.23	25.74	26.40	25.68	26.24	26.50	25.33	24.47	26.41	24.29
		1	188	24.39	25.42	24.28	24.70	25.23	24.80	25.27	25.34	24.23	23.46	25.38	23.30
		90	45	25.38	26.49	25.24	25.52	26.45	25.62	26.33	26.23	25.41	24.31	26.43	24.22
		180	0	25.46	26.36	25.46	25.62	26.44	25.52	26.34	26.42	25.27	24.26	26.40	24.26
	256QAM	1	0	23.26	24.49	23.35	23.50	24.48	23.80	24.26	24.23	23.26	22.48	24.38	22.13
		1	1	23.40	24.66	23.69	23.75	24.44	23.87	24.63	24.43	23.69	22.62	24.57	22.36
		1	187	23.67	24.68	23.49	23.89	24.65	23.96	24.49	24.60	23.57	22.68	24.67	22.45
		1	188	23.29	24.38	23.44	23.80	24.49	23.66	24.46	24.49	23.27	22.24	24.20	22.21
		90	45	23.60	24.55	23.53	23.88	24.64	23.72	24.62	24.62	23.59	22.52	24.63	22.47
		180	0	23.45	24.52	23.41	23.84	24.61	23.74	24.68	24.61	23.51	22.62	24.45	22.36

OUTPUT POWER FOR 5G NR n41 (80.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				508002	519000	529998	508002	519000	529998	508002	519000	529998	508002	519000	529998
80.0	BPSK	1	0	25.16	25.95	26.27	24.96	25.62	25.64	25.48	26.45	26.31	25.54	25.94	24.60
		1	1	26.66	28.50	27.56	26.59	26.87	27.96	24.66	28.70	27.70	25.45	26.71	26.50
		1	215	27.70	28.70	27.70	28.00	26.93	25.46	28.70	28.00	26.59	26.50	27.58	24.92
		1	216	25.13	26.00	26.54	26.09	26.11	25.57	25.56	26.42	26.17	26.15	26.28	24.48
		108	54	26.59	28.53	27.37	26.40	28.70	28.00	28.20	28.44	27.12	25.73	28.70	26.48
		216	0	26.70	28.70	27.70	26.70	28.70	28.00	26.70	28.70	27.70	26.70	28.70	26.50
	QPSK	1	0	25.15	25.94	26.26	24.95	25.61	25.63	25.47	26.44	26.30	25.53	25.93	24.59
		1	1	26.65	28.49	27.55	26.58	26.86	27.95	24.65	28.69	27.69	25.44	26.70	26.49
		1	215	27.69	28.69	27.69	27.99	26.92	25.45	28.69	27.99	26.58	26.49	27.57	24.91
		1	216	25.12	25.99	26.53	26.08	26.10	25.56	25.55	26.41	26.16	26.14	26.27	24.47
		108	54	26.58	28.52	27.36	26.39	28.69	27.99	28.19	28.43	27.11	25.72	28.69	26.47
		216	0	26.69	28.69	27.69	26.69	28.69	27.99	26.69	28.69	27.69	26.69	28.69	26.49
	16QAM	1	0	24.50	25.43	24.40	24.77	25.50	24.95	25.58	25.60	24.65	23.66	25.66	23.22
		1	1	26.86	27.77	26.74	27.08	27.89	27.22	27.92	27.82	26.94	25.93	27.92	25.71
		1	215	26.92	27.78	26.74	27.08	27.85	27.01	27.88	27.93	26.81	25.90	27.95	25.50
		1	216	24.44	25.52	24.65	24.81	25.42	24.98	25.66	25.42	24.70	23.53	25.47	23.24
		108	54	26.92	27.95	26.93	27.03	27.91	27.00	27.89	27.86	26.81	25.91	27.92	25.70
		216	0	25.81	26.72	25.89	26.11	26.86	26.04	26.70	26.94	25.85	24.76	26.82	24.61
	64QAM	1	0	24.21	25.39	24.50	24.68	25.47	24.80	25.42	25.37	24.21	23.27	25.36	23.20
		1	1	25.35	26.26	25.50	25.62	26.20	25.71	26.30	26.26	25.23	24.36	26.43	24.15
		1	215	25.30	26.35	25.22	25.76	26.38	25.58	26.25	26.20	25.32	24.32	26.41	24.30
		1	216	24.39	25.47	24.37	24.78	25.23	24.65	25.42	25.38	24.40	23.40	25.44	23.12
		108	54	25.25	26.44	25.22	25.58	26.22	25.62	26.35	26.36	25.21	24.34	26.21	24.30
		216	0	25.46	26.45	25.25	25.63	26.34	25.78	26.46	26.38	25.41	24.39	26.37	24.03
	256QAM	1	0	23.46	24.48	23.21	23.53	24.27	23.68	24.24	24.30	23.46	22.33	24.47	22.18
		1	1	23.59	24.63	23.56	23.96	24.44	23.71	24.53	24.47	23.54	22.42	24.45	22.48
		1	215	23.49	24.51	23.47	23.90	24.53	23.81	24.43	24.62	23.44	22.49	24.70	22.28
		1	216	23.33	24.26	23.28	23.56	24.46	23.76	24.49	24.29	23.27	22.32	24.22	22.17
		108	54	23.62	24.52	23.45	23.77	24.55	23.97	24.62	24.47	23.55	22.66	24.41	22.33
		216	0	23.66	24.64	23.47	23.82	24.70	23.89	24.48	24.56	23.53	22.55	24.41	22.39

OUTPUT POWER FOR 5G NR n41 (90.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				509004	519000	528996	509004	519000	528996	509004	519000	528996	509004	519000	528996
90.0	BPSK	1	0	25.24	26.07	25.56	25.05	25.48	25.95	25.71	25.53	25.99	25.43	25.78	24.83
		1	1	26.94	27.84	27.70	26.30	26.90	28.00	26.05	26.64	27.70	25.67	26.93	26.50
		1	243	27.70	28.62	27.59	28.00	26.78	25.84	28.70	28.17	26.67	26.50	27.49	25.10
		1	244	25.10	26.18	25.81	26.33	26.12	26.15	26.60	26.21	25.91	26.32	26.06	24.40
		120	60	26.67	28.70	27.32	26.12	28.70	27.22	26.25	28.70	26.93	25.54	28.70	26.31
		243	0	26.70	28.70	27.70	26.70	28.70	28.00	26.70	28.70	27.70	26.70	28.70	26.50
	QPSK	1	0	25.23	26.06	25.55	25.04	25.47	25.94	25.70	25.52	25.98	25.42	25.77	24.82
		1	1	26.93	27.83	27.69	26.29	26.89	27.99	26.04	26.63	27.69	25.66	26.92	26.49
		1	243	27.69	28.61	27.58	27.99	26.77	25.83	28.69	28.16	26.66	26.49	27.48	25.09
		1	244	25.09	26.17	25.80	26.32	26.11	26.14	26.59	26.20	25.90	26.31	26.05	24.39
		120	60	26.66	28.69	27.31	26.11	28.69	27.21	26.24	28.69	26.92	25.53	28.69	26.30
		243	0	26.69	28.69	27.69	26.69	28.69	27.99	26.69	28.69	27.69	26.69	28.69	26.49
	16QAM	1	0	24.58	25.45	24.49	24.70	25.57	24.74	25.42	25.49	24.65	23.66	25.48	23.37
		1	1	26.82	27.84	26.72	27.06	27.88	27.16	27.95	27.83	26.77	25.73	27.70	25.62
		1	243	26.89	27.82	26.79	27.08	27.79	27.19	27.81	27.92	26.77	25.82	27.76	25.66
		1	244	24.41	25.59	24.48	24.78	25.64	24.84	25.48	25.68	24.56	23.70	25.69	23.31
		120	60	26.87	27.75	26.80	27.07	27.79	27.20	27.71	27.92	26.90	25.87	27.73	25.65
		243	0	25.94	26.75	25.90	26.18	26.81	26.22	26.70	26.79	25.95	24.75	26.72	24.62
	64QAM	1	0	24.27	25.42	24.50	24.51	25.38	24.64	25.22	25.38	24.22	23.44	25.37	23.07
		1	1	25.38	26.20	25.44	25.50	26.34	25.72	26.26	26.42	25.44	24.41	26.38	24.08
		1	243	25.20	26.20	25.48	25.75	26.37	25.78	26.41	26.50	25.22	24.43	26.29	24.18
		1	244	24.26	25.31	24.36	24.54	25.37	24.62	25.43	25.45	24.24	23.29	25.28	23.14
		120	60	25.34	26.47	25.46	25.53	26.33	25.78	26.34	26.40	25.32	24.48	26.40	24.28
		243	0	25.28	26.20	25.48	25.60	26.30	25.60	26.25	26.47	25.49	24.34	26.35	24.09
	256QAM	1	0	23.38	24.21	23.37	23.63	24.48	23.64	24.44	24.34	23.31	22.21	24.42	22.03
		1	1	23.64	24.58	23.52	23.83	24.70	23.86	24.40	24.47	23.60	22.66	24.54	22.48
		1	243	23.42	24.44	23.64	23.76	24.54	23.93	24.61	24.40	23.47	22.63	24.42	22.44
		1	244	23.49	24.36	23.49	23.60	24.50	23.56	24.28	24.20	23.30	22.49	24.37	22.25
		120	60	23.59	24.58	23.51	23.97	24.59	23.81	24.56	24.50	23.40	22.66	24.43	22.31
		243	0	23.59	24.56	23.61	23.79	24.45	23.93	24.63	24.45	23.58	22.44	24.45	22.44

OUTPUT POWER FOR 5G NR n41 (100.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				501000	519000	528000	501000	519000	528000	501000	519000	528000	501000	519000	528000
100.0	BPSK	1	0	24.70	25.99	24.76	24.83	25.46	24.90	25.50	25.58	24.49	23.49	25.47	25.52
		1	1	26.98	28.70	27.28	26.10	27.16	28.00	25.40	26.49	27.70	24.27	28.11	26.50
		1	271	27.70	28.55	27.70	28.00	26.85	26.12	28.70	28.03	26.79	26.50	27.65	25.32
		1	272	24.64	25.95	24.90	24.85	26.37	25.08	25.50	26.00	24.66	23.46	26.21	25.20
		135	67	26.72	28.36	27.07	25.83	28.70	27.09	25.88	28.70	27.01	25.07	28.70	26.17
		270	0	24.20	28.70	27.20	24.20	28.70	27.20	24.20	28.70	27.20	24.20	28.70	27.20
	QPSK	1	0	24.69	25.98	24.75	24.82	25.45	24.89	25.49	25.57	24.48	23.48	25.46	25.51
		1	1	26.97	28.69	27.27	26.09	27.15	27.99	25.39	26.48	27.69	24.26	28.10	26.49
		1	271	27.69	28.54	27.69	27.99	26.84	26.11	28.69	28.02	26.78	26.49	27.64	25.31
		1	272	24.63	25.94	24.89	24.84	26.36	25.07	25.49	25.99	24.65	23.45	26.20	25.19
		135	67	26.71	28.35	27.06	25.82	28.69	27.08	25.87	28.69	27.00	25.06	28.69	26.16
		270	0	24.19	28.69	27.19	24.19	28.69	27.19	24.19	28.69	27.19	24.19	28.69	27.19
	16QAM	1	0	24.64	25.48	24.41	24.92	25.68	24.79	25.58	25.57	24.58	23.21	25.57	24.15
		1	1	26.93	27.86	26.87	27.18	27.85	27.17	27.95	27.84	26.87	25.75	27.74	26.26
		1	271	26.89	27.71	26.74	27.23	27.86	27.15	27.80	27.81	26.86	25.50	27.93	26.20
		1	272	24.65	25.61	24.68	24.97	25.47	24.85	25.66	25.43	24.42	23.37	25.61	24.19
		135	67	26.83	27.86	26.72	27.09	27.74	27.14	27.93	27.78	26.82	25.62	27.70	26.24
		270	0	24.20	26.73	25.90	24.20	26.93	26.19	24.20	26.86	25.83	24.20	26.79	25.36
	64QAM	1	0	24.34	25.35	24.34	24.61	25.36	24.52	25.21	25.35	24.35	23.06	25.44	23.98
		1	1	25.41	26.47	25.36	25.53	26.23	25.62	26.47	26.22	25.43	24.30	26.34	24.96
		1	271	25.30	26.48	25.30	25.79	26.27	25.74	26.34	26.42	25.33	24.16	26.36	24.95
		1	272	24.40	25.22	24.41	24.71	25.29	24.71	25.47	25.34	24.47	23.01	25.43	23.83
		135	67	25.25	26.44	25.30	25.66	26.30	25.58	26.27	26.30	25.46	24.29	26.39	24.96
		270	0	24.20	26.24	25.40	24.20	26.38	25.77	24.20	26.47	25.49	24.16	26.24	24.79
	256QAM	1	0	23.31	24.23	23.38	23.77	24.41	23.56	24.32	24.42	23.30	22.03	24.36	22.74
		1	1	23.58	24.47	23.53	23.87	24.46	23.93	24.42	24.66	23.61	22.35	24.43	23.03
		1	271	23.68	24.55	23.62	23.95	24.58	24.00	24.68	24.66	23.63	22.40	24.43	23.17
		1	272	23.21	24.49	23.39	23.52	24.49	23.78	24.25	24.38	23.30	22.16	24.36	22.89
		135	67	23.60	24.44	23.52	23.77	24.53	23.98	24.65	24.44	23.62	22.36	24.63	22.93
		270	0	23.44	24.44	23.48	23.82	24.58	23.73	24.52	24.49	23.65	22.39	24.46	23.03

8.10. ULCA LTE BAND 41 (IC)

Test Engineer ID:	32894	Test Date:	2025-04-11
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OUTPUT POWER FOR ULCA LTE BAND 41 (5.0MHz + 20.0MHz)

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB		SCC1 RB		Conducted Average (dBm)															
							ANT 3				ANT 4				ANT 2				ANT 1			
			Size	Offset	Size	Offset	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
5MHz / 20MHz	2503.3	2515.0	1	24	1	0	22.70	22.55	22.58	22.32	23.64	23.49	23.38	23.58	21.83	21.75	21.56	21.68	22.12	21.97	21.95	22.15
			25	0	100	0	22.63	22.53	22.41	22.33	23.65	23.57	23.44	23.36	21.85	21.66	21.64	21.81	22.14	21.97	22.08	22.13
	2585.8	2597.5	1	24	1	0	28.68	27.16	26.57	23.67	28.66	27.05	26.52	23.61	28.68	27.08	26.38	23.50	28.60	26.97	26.46	23.43
			25	0	100	0	26.70	25.64	25.42	23.44	26.62	25.64	25.59	23.47	26.60	25.56	25.52	23.42	26.66	25.49	25.40	23.57
	2668.3	2680.0	1	24	1	0	27.66	25.99	25.39	22.48	28.69	27.03	26.60	23.53	28.31	26.81	26.29	23.35	27.12	25.60	25.03	21.85
			25	0	100	0	25.64	24.52	24.35	22.67	26.69	25.52	25.39	23.61	26.32	25.26	25.08	23.03	25.14	24.13	23.97	22.10

OUTPUT POWER FOR ULCA LTE BAND 41 (20.0MHz + 5.0MHz)

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB		SCC1 RB		Conducted Average (dBm)															
							ANT 3				ANT 4				ANT 2				ANT 1			
			Size	Offset	Size	Offset	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20MHz / 5MHz	2510.0	2521.7	1	99	1	0	26.62	26.08	26.00	22.67	27.67	26.96	27.05	23.45	25.90	25.19	25.35	21.62	26.15	25.50	25.54	22.01
			100	0	25	0	22.70	22.59	22.61	22.34	23.63	23.56	23.56	23.57	21.90	21.65	21.79	21.61	22.18	22.13	22.10	22.02
	2592.5	2604.2	1	99	1	0	28.67	27.07	26.59	23.48	28.64	27.13	26.60	23.59	28.60	27.13	26.65	23.38	28.66	26.98	26.37	23.67
			100	0	25	0	26.69	25.49	25.50	23.53	26.68	25.48	25.58	23.52	26.68	25.62	25.42	23.61	26.62	25.63	25.47	23.32
	2675.0	2686.7	1	99	1	0	27.64	26.00	25.66	22.37	28.70	27.05	26.52	23.55	28.38	26.65	26.20	23.37	27.12	25.51	25.12	21.89
			100	0	25	0	25.80	24.56	24.64	22.38	26.65	25.58	25.62	23.37	26.30	25.26	25.29	23.05	25.20	24.07	24.11	22.13

OUTPUT POWER FOR ULCA LTE BAND 41 (10.0MHz + 20.0MHz)

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB		SCC1 RB		Conducted Average (dBm)															
							ANT 3				ANT 4				ANT 2				ANT 1			
			Size	Offset	Size	Offset	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10MHz / 20MHz	2505.5	2519.9	1	49	1	0	22.63	22.59	22.38	22.44	23.69	23.60	23.37	23.67	21.85	21.69	21.61	21.77	22.18	22.05	21.91	21.87
			50	0	100	0	22.60	22.61	22.35	22.44	23.60	23.46	23.50	23.67	21.83	21.67	21.62	21.59	21.01	21.04	21.12	20.10
	2585.6	2600.0	1	49	1	0	28.65	27.01	26.63	23.42	28.60	27.03	26.56	23.52	28.60	27.03	26.58	23.47	28.64	27.14	26.52	23.41
			50	0	100	0	26.64	25.56	25.60	23.45	26.67	25.52	25.55	23.48	26.70	25.63	25.38	23.65	25.25	24.26	23.85	21.29
	2665.6	2680.0	1	49	1	0	27.66	25.96	25.55	22.63	28.66	27.07	26.64	23.42	28.30	26.71	26.36	23.05	27.16	25.54	25.07	21.82
			50	0	100	0	25.61	24.48	24.38	22.43	26.65	25.53	25.43	23.50	26.36	25.34	25.09	23.03	24.29	23.34	23.38	20.35

OUTPUT POWER FOR ULCA LTE BAND 41 (20.0MHz + 10.0MHz)

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB		SCC1 RB		Conducted Average (dBm)															
							ANT 3				ANT 4				ANT 2				ANT 1			
			Size	Offset	Size	Offset	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20MHz / 10MHz	2510.0	2524.4	1	99	1	0	26.60	26.11	26.09	22.41	27.66	26.98	26.87	23.53	25.89	25.29	25.07	21.77	26.15	25.57	25.50	21.84
			100	0	50	0	22.69	22.58	22.35	22.43	23.67	23.66	23.47	23.59	21.81	21.77	21.78	21.71	22.19	22.05	22.09	21.91
	2590.1	2604.4	1	99	1	0	28.64	26.97	26.60	23.37	28.69	27.04	26.62	23.42	28.42	26.96	26.63	23.67	28.60	27.14	26.45	23.45
			100	0	50	0	26.60	25.64	25.39	23.38	26.62	25.52	25.50	23.39	26.66	25.58	25.65	23.39	26.70	25.59	25.62	23.59
	2670.1	2684.5	1	99	1	0	27.64	26.09	25.54	22.43	28.69	27.01	26.58	23.43	27.98	26.86	26.25	23.38	27.20	25.48	25.07	22.06
			100	0	50	0	25.69	24.56	24.38	22.62	26.63	25.46	25.60	23.41	26.38	25.34	25.32	23.28	25.13	24.04	23.96	21.88

OUTPUT POWER FOR ULCA LTE BAND 41 (15.0MHz + 15.0MHz)

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB		SCC1 RB		Conducted Average (dBm)															
							ANT 3				ANT 4				ANT 2				ANT 1			
			Size	Offset	Size	Offset	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
15MHz / 15MHz	2507.5	2522.5	1	74	1	0	27.63	26.03	25.49	22.53	28.62	26.97	26.50	23.44	26.85	25.15	24.70	21.69	26.88	25.36	24.80	21.79
			75	0	75	0	22.65	22.59	22.61	22.64	23.66	23.57	23.54	23.53	21.87	21.68	21.61	21.58	21.00	21.05	21.11	20.11
	2587.5	2602.5	1	74	1	0	28.67	27.01	26.42	23.58	28.67	27.08	26.50	23.57	28.29	27.11	26.45	23.38	27.79	27.92	26.32	23.66
			75	0	75	0	26.63	25.52	25.36	23.65	26.62	25.46	25.42	23.66	26.69	25.62	25.36	23.55	25.21	24.23	23.97	21.26
	2667.5	2682.5	1	74	1	0	27.61	26.16	25.62	22.46	28.61	27.15	26.37	23.52	27.83	26.66	26.06	23.14	27.84	26.95	25.70	22.66
			75	0	75	0	25.67	24.64	24.62	22.34	26.66	25.65	25.46	23.66	26.36	25.28	25.35	23.03	24.26	23.31	23.36	20.35

OUTPUT POWER FOR ULCA LTE BAND 41 (15.0MHz + 20.0MHz)

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB	PCC Offset	SCC1 RB	SCC1 Offset	Conducted Average (dBm)															
							ANT 3				ANT 4				ANT 2				ANT 1			
			Size	Offset	Size	Offset	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
15MHz / 20MHz	2507.8	2524.9	1	74	1	0	27.60	25.95	25.44	22.66	28.69	26.98	26.37	23.33	26.89	25.26	24.72	21.71	27.13	25.59	24.93	21.90
			75	0	100	0	22.62	22.51	22.57	22.64	23.65	23.60	23.65	23.50	21.86	21.71	21.82	21.55	22.19	22.10	22.12	22.07
	2585.3	2602.4	1	74	1	0	28.65	26.97	26.65	23.68	28.61	27.02	26.43	23.60	28.66	27.01	26.37	23.37	28.62	27.04	26.47	23.34
			75	0	100	0	26.62	25.63	25.42	23.36	26.66	25.47	25.44	23.60	26.64	25.58	24.37	23.45	26.64	25.65	25.49	23.50
	2662.9	2680.0	1	74	1	0	27.66	26.12	25.55	22.43	28.64	26.97	26.43	23.60	28.36	26.65	26.35	23.04	27.16	25.66	25.07	21.88
			75	0	100	0	25.62	24.61	24.64	22.59	26.62	25.56	25.48	23.43	26.32	25.28	25.22	23.02	25.11	24.01	23.86	21.94

OUTPUT POWER FOR ULCA LTE BAND 41 (20.0MHz + 15.0MHz)

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB		SCC1 RB		Conducted Average (dBm)															
			Size	Offset	Size	Offset	ANT 3				ANT 4				ANT 2				ANT 1			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20MHz / 15MHz	2510.0	2527.1	1	99	1	0	27.69	26.09	25.46	22.58	28.64	27.01	26.49	23.33	26.87	25.26	24.61	21.69	27.12	25.51	24.86	21.84
			100	0	75	0	22.62	22.52	22.42	22.48	23.66	23.62	23.47	23.49	21.80	21.78	21.61	21.76	22.11	22.00	22.04	22.13
			1	99	1	0	28.67	27.03	26.59	23.62	28.64	27.03	26.63	23.47	28.69	27.09	26.43	23.41	28.68	27.10	26.60	23.68
	2587.6	2604.7	100	0	75	0	26.69	25.49	25.35	23.39	26.60	25.51	25.48	23.58	26.65	25.65	25.57	23.33	26.63	25.66	25.64	23.57
			1	99	1	0	27.60	26.05	25.55	22.36	28.69	27.11	26.58	23.48	28.40	26.81	26.27	23.23	27.20	25.61	24.96	22.06
			100	0	75	0	25.60	24.51	24.35	22.57	26.69	25.48	25.48	23.55	26.31	25.34	25.14	23.04	25.14	24.15	23.89	22.11

OUTPUT POWER FOR ULCA LTE BAND 41 (20.0MHz + 20.0MHz)

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB		SCC1 RB		Conducted Average (dBm)															
			Size	Offset	Size	Offset	ANT 3				ANT 4				ANT 2				ANT 1			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20MHz/ 20MHz	2510.0	2529.8	1	99	1	0	27.68	26.03	25.66	22.59	28.69	27.00	26.48	23.57	26.82	25.23	24.77	21.83	27.15	25.62	25.15	22.06
			1	0	1	99	14.60	14.46	14.53	14.31	15.66	15.49	15.54	15.39	13.86	13.81	13.80	13.75	12.80	12.87	12.82	12.88
			100	0	100	0	22.65	22.47	22.39	22.53	23.68	23.63	23.50	23.68	21.82	21.86	21.57	21.51	21.07	21.12	21.18	20.19
		2604.9	1	99	1	0	28.67	27.16	26.58	23.48	28.62	27.03	26.38	23.59	28.31	27.03	26.46	23.54	28.09	28.23	26.65	24.00
			1	0	1	99	20.15	20.02	20.07	19.95	20.18	20.01	20.09	20.13	20.15	20.10	20.09	19.99	18.45	18.56	18.47	18.50
			100	0	100	0	26.64	25.60	25.50	23.61	26.64	25.62	25.43	23.64	26.67	25.51	25.61	23.47	25.26	24.33	24.13	21.36
	2660.2	2680.0	1	99	1	0	27.69	25.96	25.63	22.61	28.63	26.98	26.52	23.57	27.84	26.67	26.31	24.14	27.18	25.50	24.94	21.86
			1	0	1	99	19.16	18.98	18.88	19.15	20.10	20.12	19.86	20.10	19.88	19.84	19.76	19.78	17.58	17.71	17.55	17.69
			100	0	100	0	25.64	24.55	24.56	22.48	26.62	25.52	25.44	23.45	26.30	25.36	25.35	23.16	24.32	23.38	23.43	20.41

9. CONDUCTED TEST RESULTS

9.1. OCCUPIED BANDWIDTH

RULE PART(S)

FCC: §2.1049

ISED: RSS-GEN§6.7, RSS199§5.4

LIMITS

For reporting purposes only.

TEST PROCEDURE

The transmitter output was connected to a calibrated coaxial cable and coupler, the other end of which was connected to a spectrum analyzer. The occupied bandwidth was measured with the spectrum analyzer at the middle channel in each band. The 99% and -26dB bandwidths was also measured and recorded.

RESULTS

There is no limit required and power is the same for low, middle and high channel; therefore, only middle channel was tested.

LTE BAND 7

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 7	5MHz, QPSK	25/0	2535.0	4.487	5.05
	5MHz, 16QAM			4.483	4.93
	10MHz, QPSK	50/0		9.002	9.85
	10MHz, 16QAM			8.987	9.65
	15MHz, QPSK	75/0		13.472	14.12
	15MHz, 16QAM			13.450	14.15
	20MHz, QPSK	100/0		17.926	19.04
	20MHz, 16QAM			17.918	19.31
	20MHz, QPSK	1/0		0.264	0.45

5G NR n7

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n7	5MHz, BPSK	25/0	2535.0	4.493	5.08
	5MHz, QPSK			4.488	4.94
	5MHz, 16QAM			4.493	5.20
	10MHz, BPSK	50/0		8.967	9.71
	10MHz, QPSK			8.953	9.66
	10MHz, 16QAM			8.932	9.72
	15MHz, BPSK	75/0		13.448	14.38
	15MHz, QPSK			13.448	14.25
	15MHz, 16QAM			13.435	14.33
	20MHz, BPSK	100/0		17.929	19.26
	20MHz, QPSK			17.894	18.98
	20MHz, 16QAM			17.894	19.00
	25MHz, BPSK	128/0		22.924	24.48
	25MHz, QPSK			22.958	24.17
	25MHz, 16QAM			22.904	24.11
	30MHz, BPSK	160/0		28.649	30.12
	30MHz, QPSK			28.605	29.91
	30MHz, 16QAM			28.651	30.08
	35MHz, BPSK	180/0		32.222	33.60
	35MHz, QPSK			32.146	33.56
	35MHz, 16QAM			32.124	33.61
	40MHz, BPSK	216/0		38.614	40.25
	40MHz, QPSK			38.627	40.44
	40MHz, 16QAM			38.597	40.40
	50MHz, BPSK	270/0		48.158	50.18
	50MHz, QPSK			48.194	50.37
	50MHz, 16QAM			48.146	50.36
	50MHz, BPSK	1/0		0.299	0.53

ULCA LTE BAND 7

Band	Mode	RB Allocation/RB Offset	f (MHz)	99% BW (MHz)	- 26dB BW (MHz)
ULCA LTE BAND 7	10MHz + 20MHz BAND QPSK	50/0 + 100/0	2535	27.830	29.43
	10MHz + 20MHz BAND 16QAM			27.878	29.50
	20MHz + 10MHz BAND QPSK	100/0 + 50/0		27.852	29.69
	20MHz + 10MHz BAND 16QAM			27.859	29.61
	15MHz + 15MHz BAND QPSK	75/0 + 75/0		28.443	30.28
	15MHz + 15MHz BAND 16QAM			28.454	30.36
	15MHz + 20MHz BAND QPSK	75/0 + 100/0		32.719	34.74
	15MHz + 20MHz BAND 16QAM			32.753	34.88
	20MHz + 15MHz BAND QPSK	100/0 + 75/0		32.821	34.87
	20MHz + 15MHz BAND 16QAM			32.750	34.86
	20MHz + 20MHz BAND QPSK	100/0 + 100/0		37.815	40.32
	20MHz + 20MHz BAND 16QAM			37.713	40.16

LTE BAND 41 (FCC)

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 41	5MHz, QPSK	25/0	2593.0	4.502	5.09
	5MHz, 16QAM			4.498	5.30
	10MHz, QPSK	50/0		8.960	10.37
	10MHz, 16QAM			8.969	10.42
	15MHz, QPSK	75/0		13.442	14.64
	15MHz, 16QAM			13.469	14.67
	20MHz, QPSK	100/0		17.950	20.45
	20MHz, 16QAM			17.945	19.75
	20MHz, QPSK	1/0		0.311	0.50

5G NR n41 (FCC)

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n41 (FCC)	10MHz, BPSK	24/0	2593.0	8.634	10.13
	10MHz, QPSK			8.624	9.73
	10MHz, 16QAM			8.626	9.94
	15MHz, BPSK	36/0		12.917	14.24
	15MHz, QPSK			12.898	14.20
	15MHz, 16QAM			12.924	14.26
	20MHz, BPSK	50/0		17.894	19.45
	20MHz, QPSK			17.938	19.40
	20MHz, 16QAM			17.871	19.68
	25MHz, BPSK	64/0		22.996	24.66
	25MHz, QPSK			23.014	24.83
	25MHz, 16QAM			23.014	24.74
	30MHz, BPSK	75/0		27.010	29.03
	30MHz, QPSK			26.931	28.93
	30MHz, 16QAM			26.937	29.02
	35MHz, BPSK	90/0		32.301	34.48
	35MHz, QPSK			32.249	34.46
	35MHz, 16QAM			32.194	34.29
	40MHz, BPSK	100/0		35.923	38.07
	40MHz, QPSK			35.767	37.99
	40MHz, 16QAM			35.668	37.99
	45MHz, BPSK	108/0		38.872	41.23
	45MHz, QPSK			38.657	41.14
	45MHz, 16QAM			38.811	41.29
	50MHz, BPSK	128/0		46.035	48.43
	50MHz, QPSK			45.773	48.33
	50MHz, 16QAM			45.725	48.25
	60MHz, BPSK	162/0		58.109	60.95
	60MHz, QPSK			58.109	60.88
	60MHz, 16QAM			57.919	60.73
	70MHz, BPSK	180/0		64.693	68.32
	70MHz, QPSK			64.715	68.39
	70MHz, 16QAM			64.566	68.32
	80MHz, BPSK	216/0		77.277	81.24
	80MHz, QPSK			77.452	81.37
	80MHz, 16QAM			77.430	80.70
	90MHz, BPSK	243/0		86.908	90.77
	90MHz, QPSK			87.116	90.65
	90MHz, 16QAM			86.982	90.73
	100MHz, BPSK	270/0		96.758	101.6
	100MHz, QPSK			96.825	100.9
	100MHz, 16QAM			96.804	100.8
	100MHz, BPSK	1/0		0.597	1.07

ULCA LTE BAND 41 (FCC)

Band	Mode	RB Allocation/RB Offset	f (MHz)	99% BW (MHz)	- 26dB BW (MHz)
ULCA LTE BAND 41 (FCC)	5MHz + 20MHz BAND QPSK	25/0 + 100/0	2593	23.479	29.38
	5MHz + 20MHz BAND 16QAM			23.375	26.91
	20MHz + 5MHz BAND QPSK	100/0 + 25/0		23.473	27.66
	20MHz + 5MHz BAND 16QAM			23.369	27.20
	10MHz + 20MHz BAND QPSK	50/0 + 100/0		28.197	35.14
	10MHz + 20MHz BAND 16QAM			28.125	33.31
	20MHz + 10MHz BAND QPSK	100/0 + 50/0		28.165	31.40
	20MHz + 10MHz BAND 16QAM			28.136	32.69
	15MHz + 15MHz BAND QPSK	75/0 + 75/0		28.770	34.55
	15MHz + 15MHz BAND 16QAM			28.704	34.28
	15MHz + 20MHz BAND QPSK	75/0 + 100/0		33.019	38.82
	15MHz + 20MHz BAND 16QAM			32.979	39.37
	20MHz + 15MHz BAND QPSK	100/0 + 75/0		33.062	38.78
	20MHz + 15MHz BAND 16QAM			32.963	37.92
	20MHz + 20MHz BAND QPSK	100/0 + 100/0		37.865	43.55
	20MHz + 20MHz BAND 16QAM			37.860	43.75

LTE BAND 41 (IC)

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 41 (IC)	5MHz, QPSK	25/0	2595.0	4.488	5.23
	5MHz, 16QAM			4.489	5.12
	10MHz, QPSK	50/0		8.978	10.19
	10MHz, 16QAM			8.980	10.31
	15MHz, QPSK	75/0		13.453	14.86
	15MHz, 16QAM			13.459	15.30
	20MHz, QPSK	100/0		17.967	19.73
	20MHz, 16QAM			17.907	19.74
	20MHz, QPSK	1/0		0.275	0.46

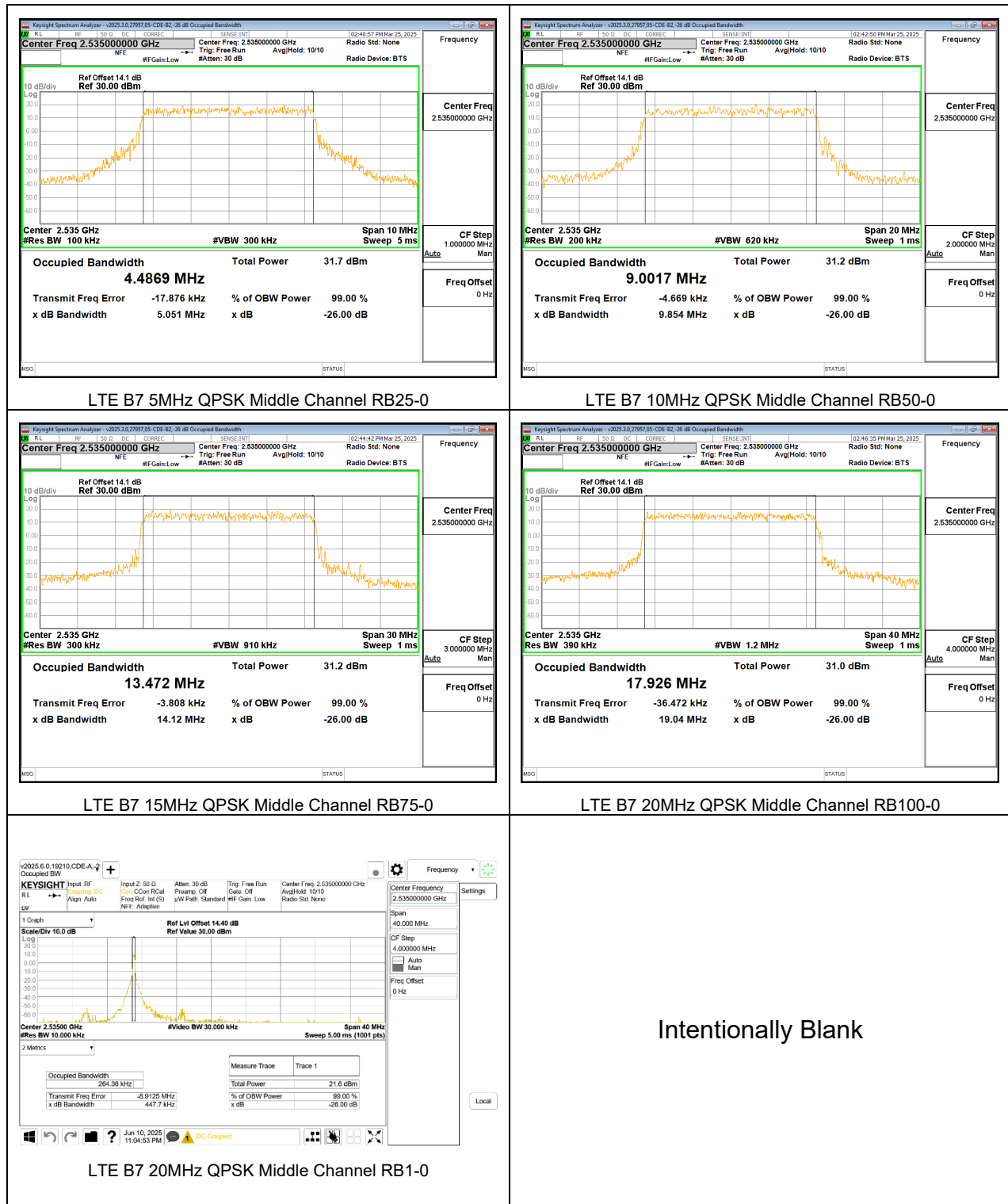
5G NR n41 (IC)

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n41 (IC)	10MHz, BPSK	24/0	2595.0	8.653	9.82
	10MHz, QPSK			8.637	10.0
	10MHz, 16QAM			8.645	9.96
	15MHz, BPSK	36/0		12.940	14.46
	15MHz, QPSK			12.906	14.52
	15MHz, 16QAM			12.928	14.44
	20MHz, BPSK	50/0		17.948	19.62
	20MHz, QPSK			17.929	19.74
	20MHz, 16QAM			17.950	19.58
	25MHz, BPSK	64/0		22.910	24.88
	25MHz, QPSK			22.943	24.90
	25MHz, 16QAM			23.005	24.96
	30MHz, BPSK	75/0		26.885	28.54
	30MHz, QPSK			26.880	28.49
	30MHz, 16QAM			26.873	28.50
	35MHz, BPSK	90/0		32.317	34.34
	35MHz, QPSK			32.329	34.47
	35MHz, 16QAM			32.238	34.44
	40MHz, BPSK	100/0		35.855	38.22
	40MHz, QPSK			35.896	38.35
	40MHz, 16QAM			35.829	38.13
	45MHz, BPSK	108/0		38.833	41.19
	45MHz, QPSK			38.786	41.14
	45MHz, 16QAM			38.714	41.40
	50MHz, BPSK	128/0		45.874	48.44
	50MHz, QPSK			45.834	48.54
	50MHz, 16QAM			45.812	48.41
	60MHz, BPSK	162/0		58.012	61.04
	60MHz, QPSK			58.017	61.24
	60MHz, 16QAM			58.011	60.89
	70MHz, BPSK	180/0		64.489	67.56
	70MHz, QPSK			64.553	67.79
	70MHz, 16QAM			64.394	67.78
	80MHz, BPSK	216/0		77.366	80.61
	80MHz, QPSK			77.333	80.70
	80MHz, 16QAM			77.306	80.71
	90MHz, BPSK	243/0		86.921	90.54
	90MHz, QPSK			86.919	90.75
	90MHz, 16QAM			86.888	90.96
	100MHz, BPSK	270/0		96.540	100.7
	100MHz, QPSK			96.653	100.7
	100MHz, 16QAM			96.513	100.6
	100MHz, BPSK	1/0		0.596	0.99

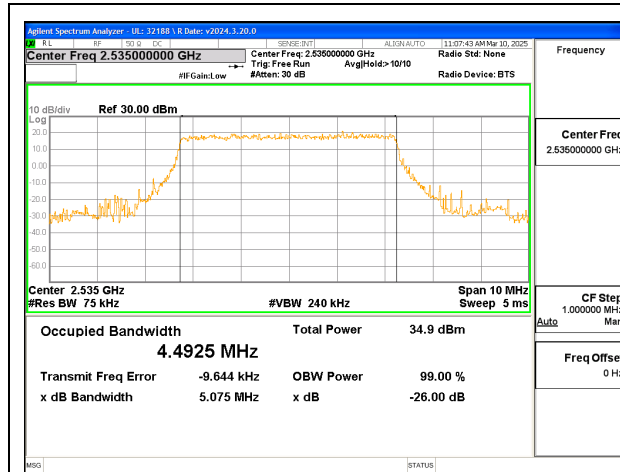
ULCA LTE BAND 41 (IC)

Band	Mode	RB Allocation/RB Offset	f (MHz)	99% BW (MHz)	- 26dB BW (MHz)
ULCA LTE BAND 41 (IC)	5MHz + 20MHz BAND QPSK	25/0 + 100/0	2595	23.252	27.30
	5MHz + 20MHz BAND 16QAM			23.244	25.22
	20MHz + 5MHz BAND QPSK	100/0 + 25/0		23.333	25.73
	20MHz + 5MHz BAND 16QAM			23.258	28.61
	10MHz + 20MHz BAND QPSK	50/0 + 100/0		28.135	30.14
	10MHz + 20MHz BAND 16QAM			28.014	29.91
	20MHz + 10MHz BAND QPSK	100/0 + 50/0		28.147	32.19
	20MHz + 10MHz BAND 16QAM			28.090	30.44
	15MHz + 15MHz BAND QPSK	75/0 + 75/0		28.634	33.67
	15MHz + 15MHz BAND 16QAM			28.628	32.97
	15MHz + 20MHz BAND QPSK	75/0 + 100/0		32.798	36.43
	15MHz + 20MHz BAND 16QAM			32.925	35.47
	20MHz + 15MHz BAND QPSK	100/0 + 75/0		32.957	35.46
	20MHz + 15MHz BAND 16QAM			32.843	38.06
	20MHz + 20MHz BAND QPSK	100/0 + 100/0		37.756	41.98
	20MHz + 20MHz BAND 16QAM			37.863	39.91

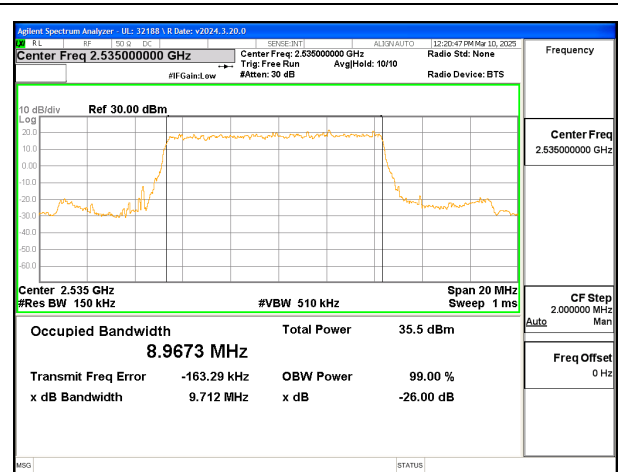
9.1.1. LTE BAND 7



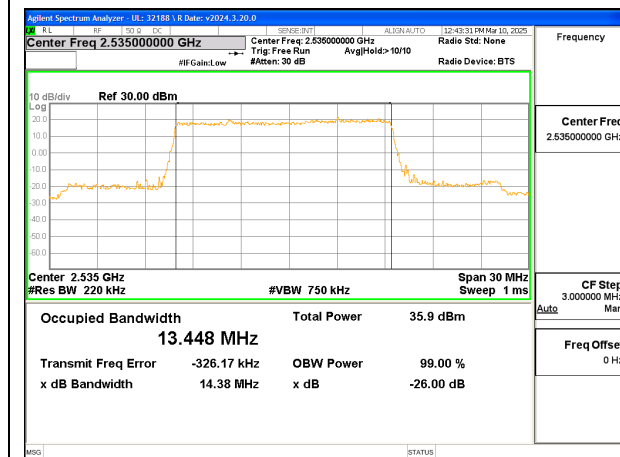
9.1.2. 5G NR n7



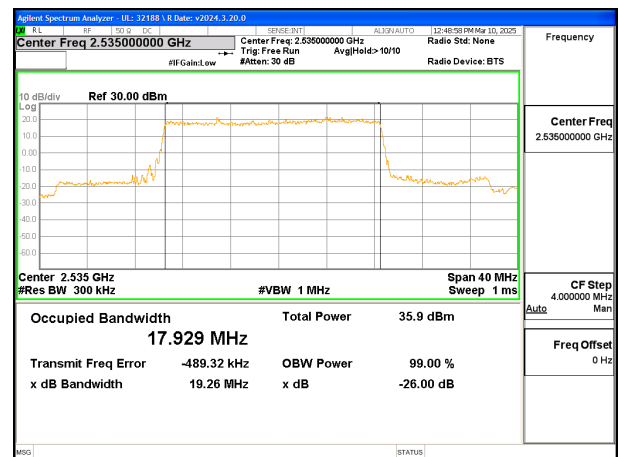
5G NR n7 5MHz BPSK Middle Channel RB25-0



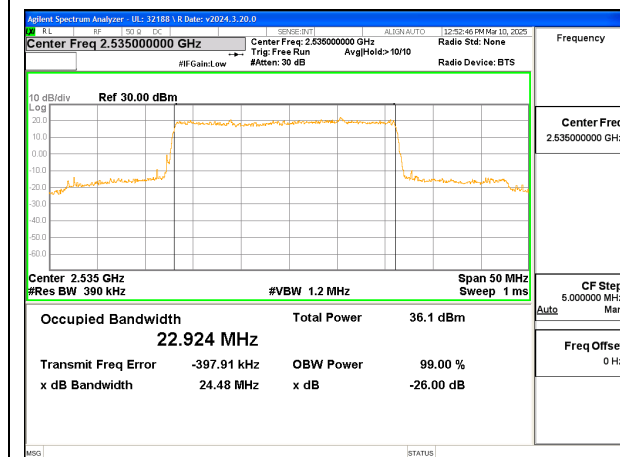
5G NR n7 10MHz BPSK Middle Channel RB50-0



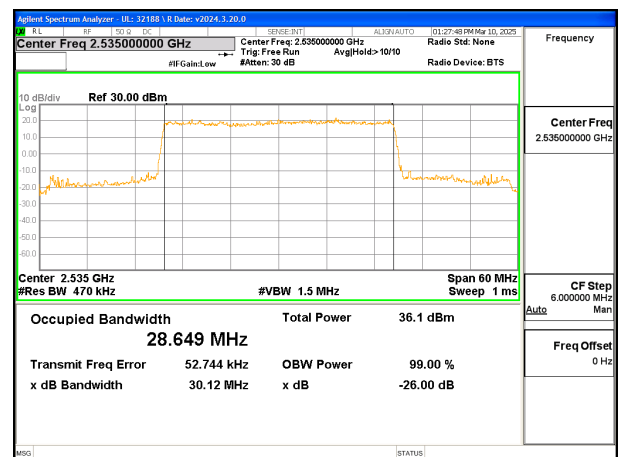
5G NR n7 15MHz BPSK Middle Channel RB75-0



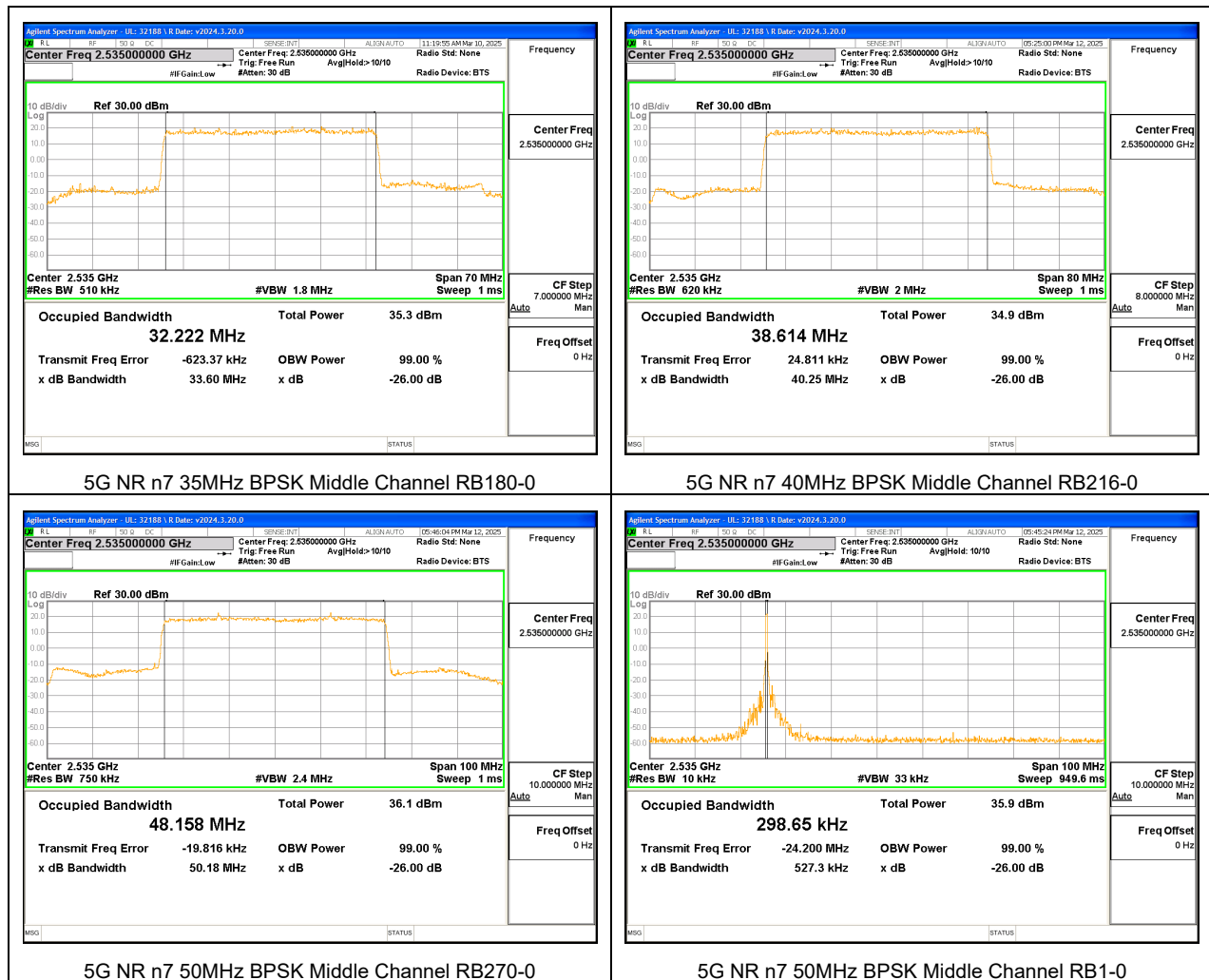
5G NR n7 20MHz BPSK Middle Channel RB100-0



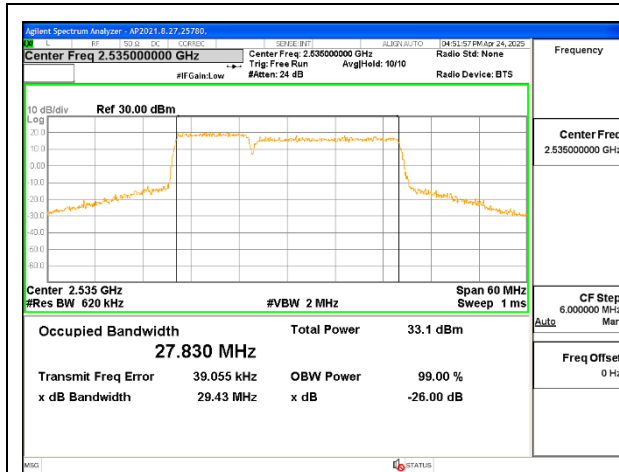
5G NR n7 25MHz BPSK Middle Channel RB128-0



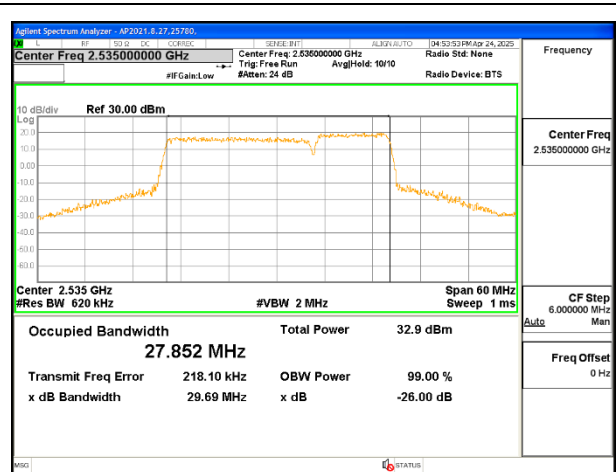
5G NR n7 30MHz BPSK Middle Channel RB160-0



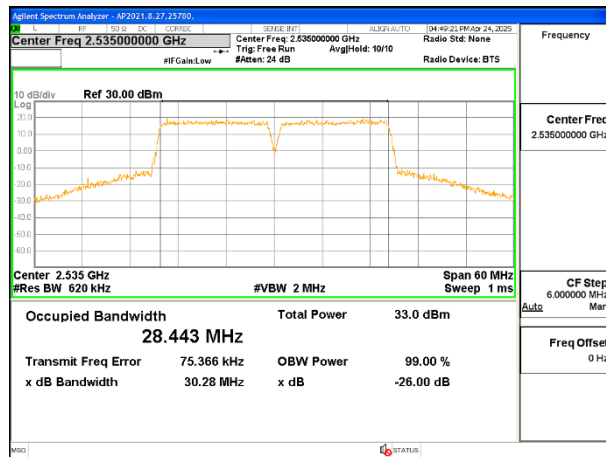
9.1.3. ULCA LTE BAND 7



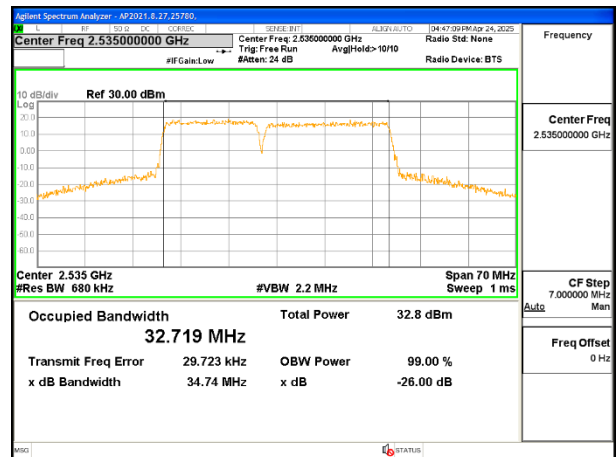
ULCA LTE B7 10MHz + 20MHz QPSK RB50-0 + RB100-0



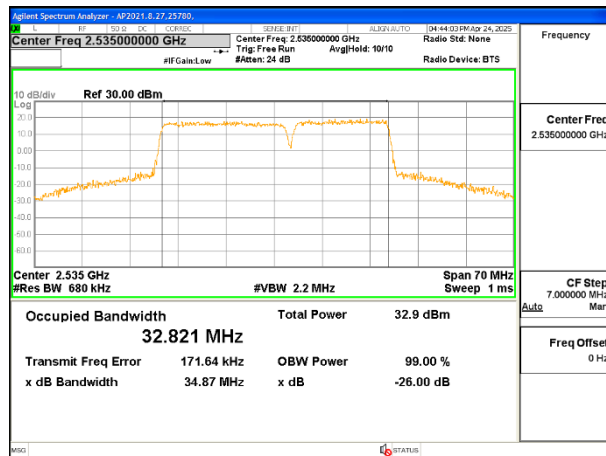
ULCA LTE B7 20MHz + 10MHz QPSK RB100-0 + RB50-0



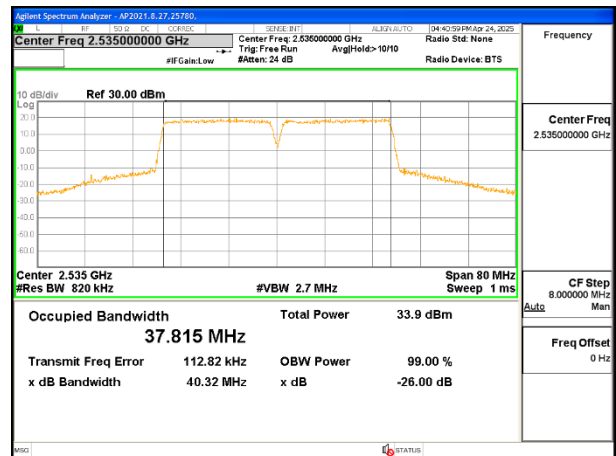
ULCA LTE B7 15MHz + 15MHz QPSK RB75-0 + RB75-0



ULCA LTE B7 15MHz + 20MHz QPSK RB75-0 + RB100-0



ULCA LTE B7 20MHz + 15MHz QPSK RB100-0 + RB75-0



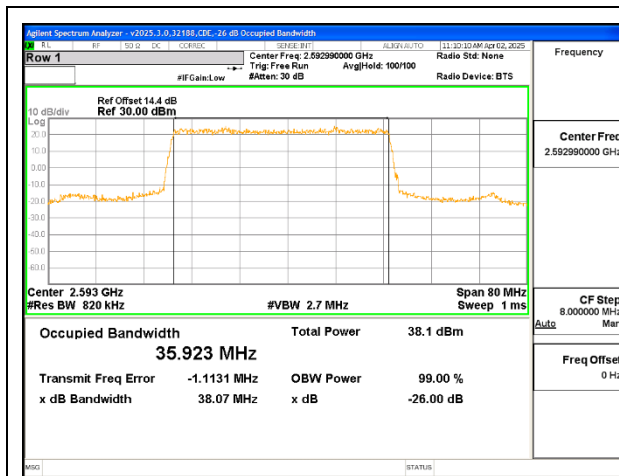
ULCA LTE B7 20MHz + 20MHz QPSK RB100-0 + RB100-0

9.1.4. LTE BAND 41 (FCC)

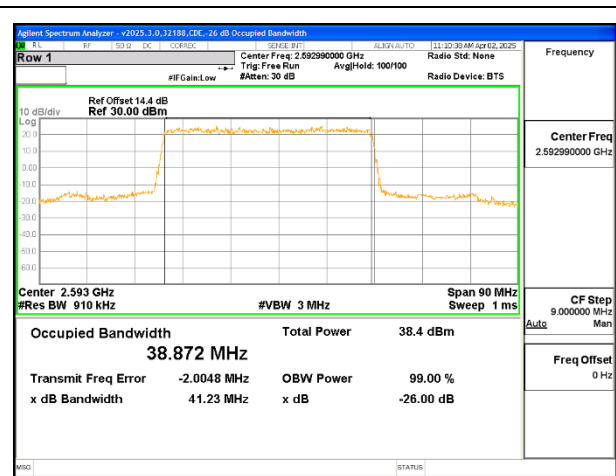


9.1.5. 5G NR n41 (FCC)

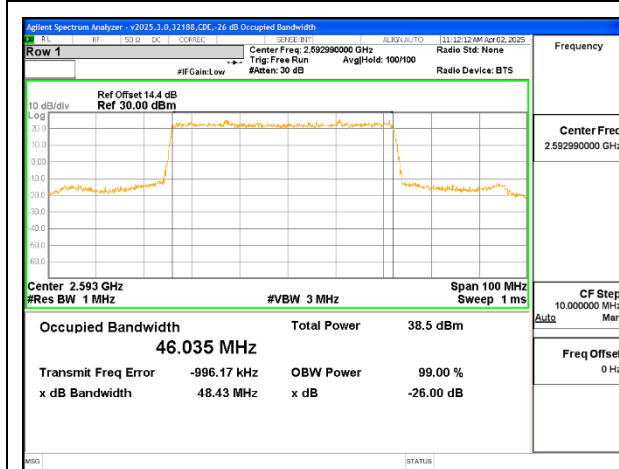




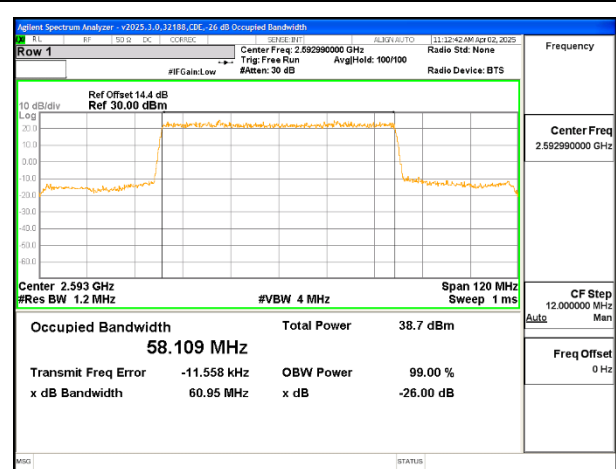
5G NR n41 40MHz BPSK Middle Channel RB100-0



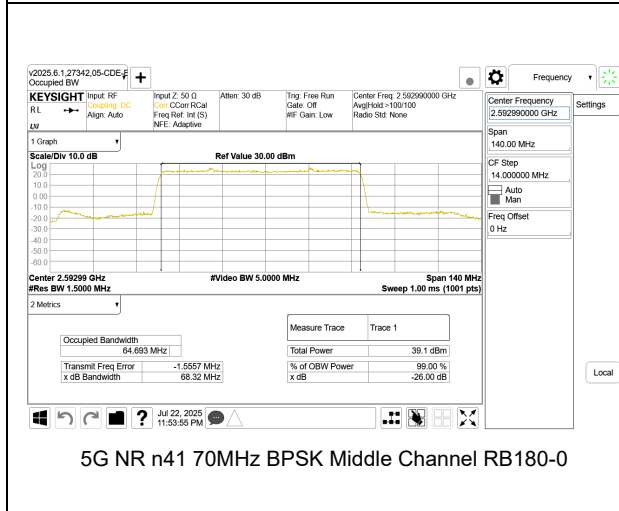
5G NR n41 45MHz BPSK Middle Channel RB108-0



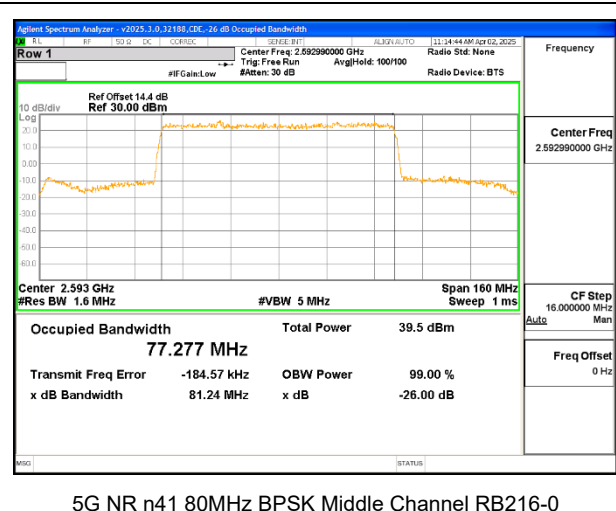
5G NR n41 50MHz BPSK Middle Channel RB128-0



5G NR n41 60MHz BPSK Middle Channel RB162-0



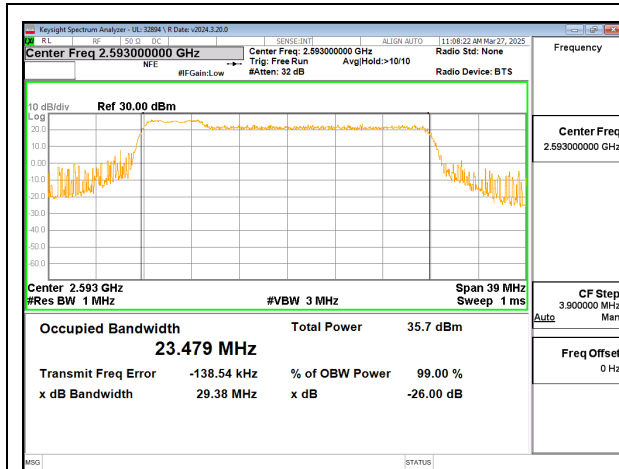
5G NR n41 70MHz BPSK Middle Channel RB180-0



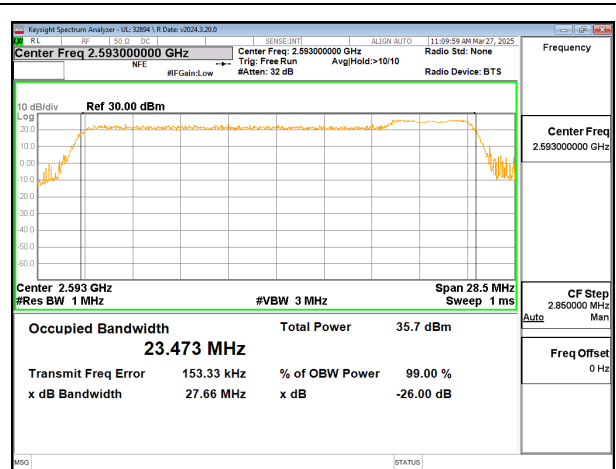
5G NR n41 80MHz BPSK Middle Channel RB216-0



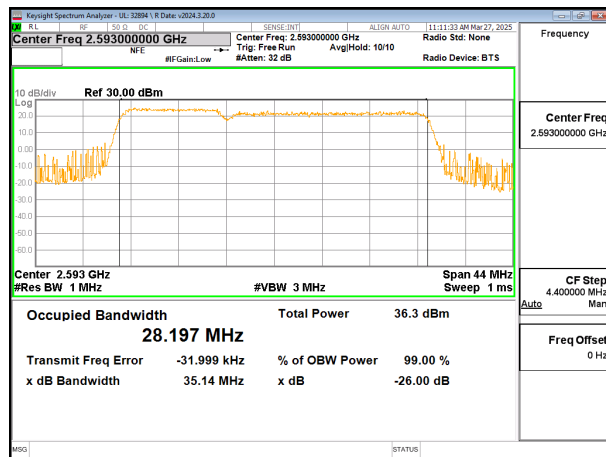
9.1.6. ULCA LTE BAND 41 (FCC)



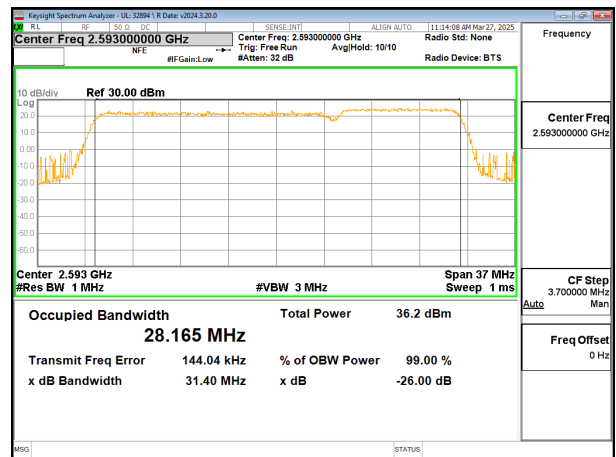
ULCA LTE B41 5MHz + 20MHz QPSK RB25-0 + RB100-0



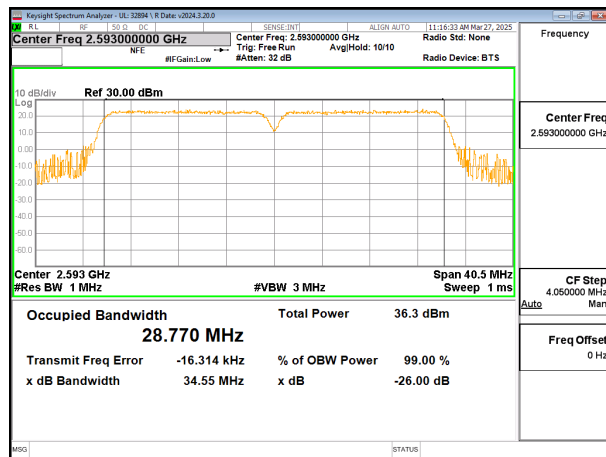
ULCA LTE B41 20MHz + 5MHz QPSK RB100-0 + RB25-0



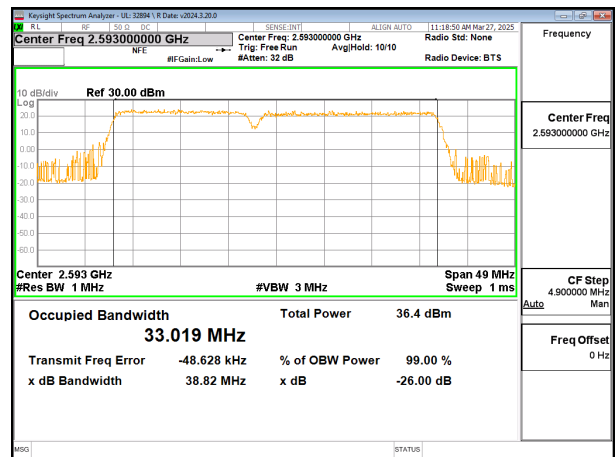
ULCA LTE B41 10MHz + 20MHz QPSK RB50-0 + RB100-0



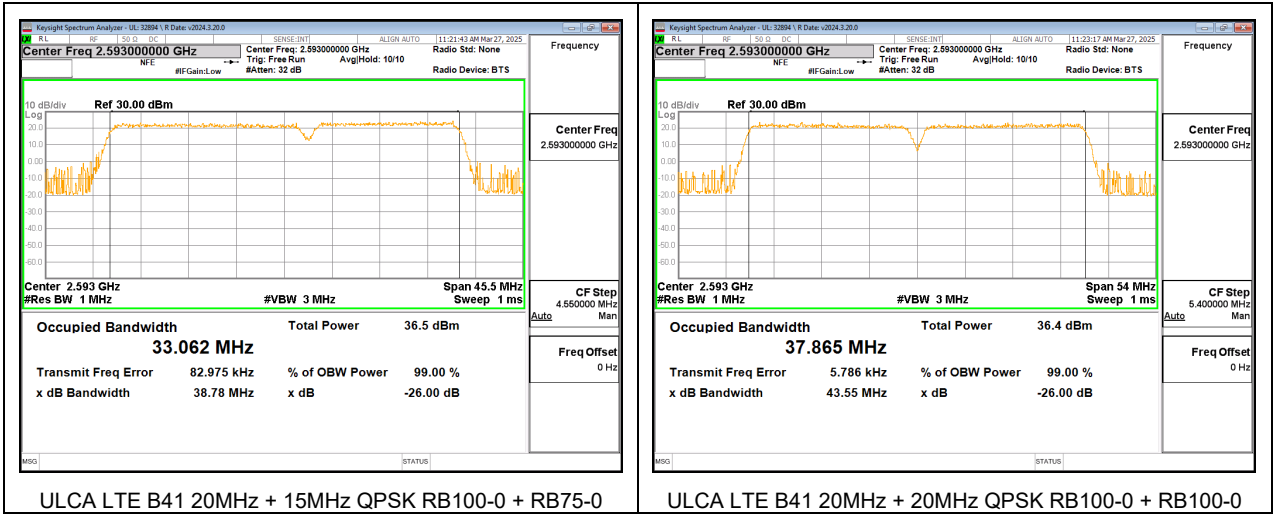
ULCA LTE B41 20MHz + 10MHz QPSK RB100-0 + RB50-0



ULCA LTE B41 15MHz + 15MHz QPSK RB75-0 + RB75-0



ULCA LTE B41 15MHz + 20MHz QPSK RB75-0 + RB100-0

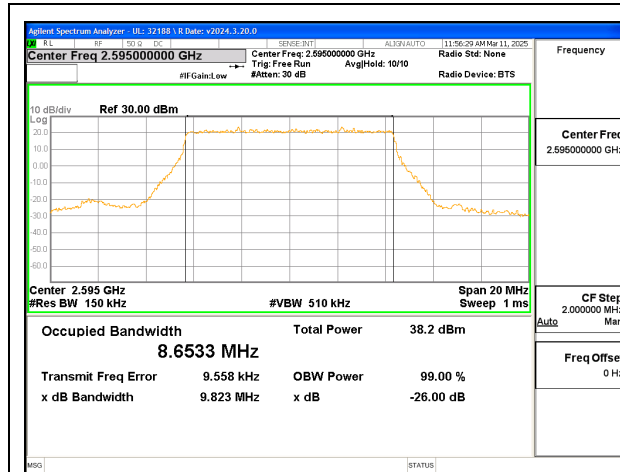


9.1.7. LTE BAND 41 (IC)

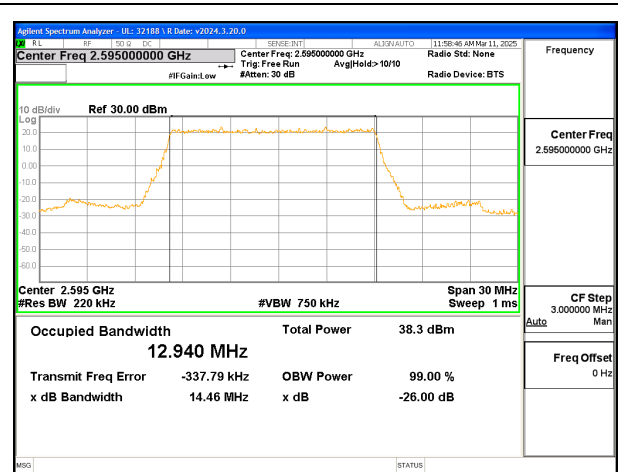


Intentionally Blank

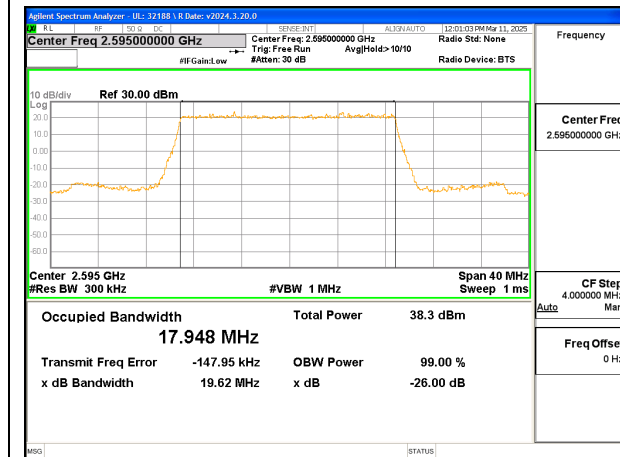
9.1.8. 5G NR n41 (IC)



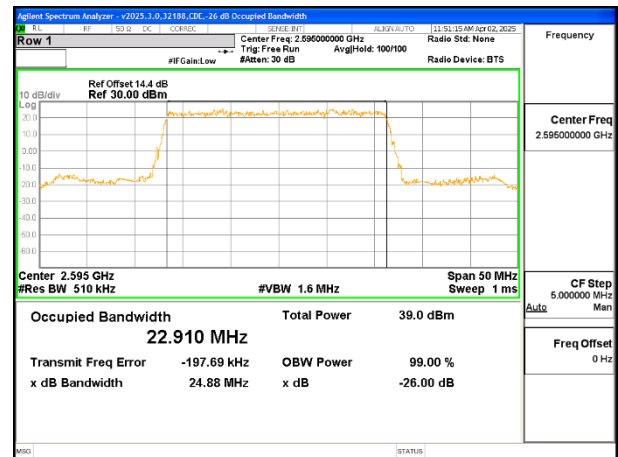
5G NR n41 10MHz BPSK Middle Channel RB24-0



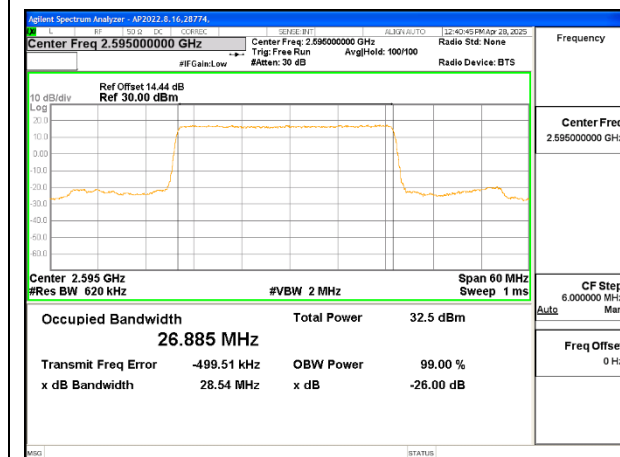
5G NR n41 15MHz BPSK Middle Channel RB36-0



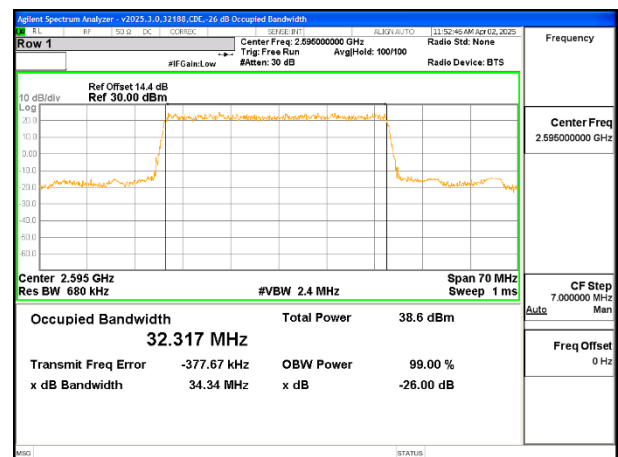
5G NR n41 20MHz BPSK Middle Channel RB50-0



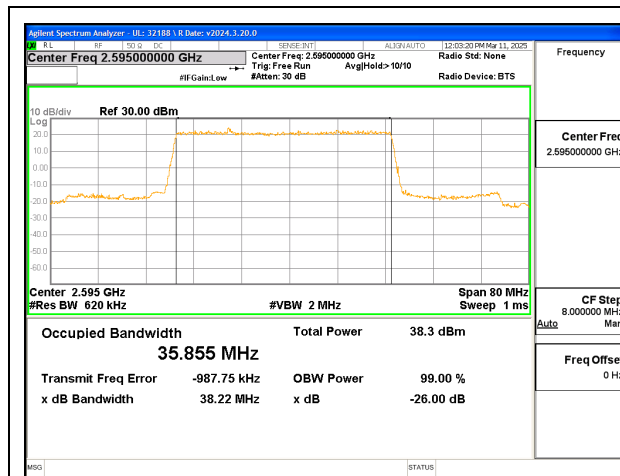
5G NR n41 25MHz BPSK Middle Channel RB64-0



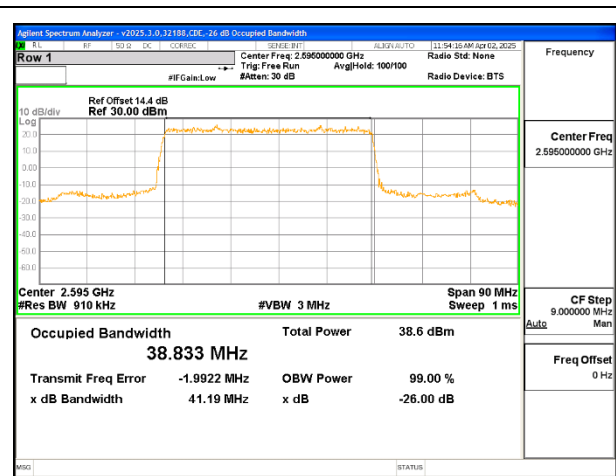
5G NR n41 30MHz BPSK Middle Channel RB75-0



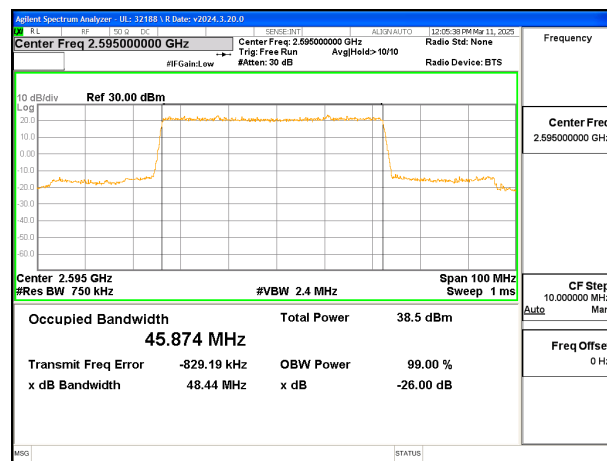
5G NR n41 35MHz BPSK Middle Channel RB90-0



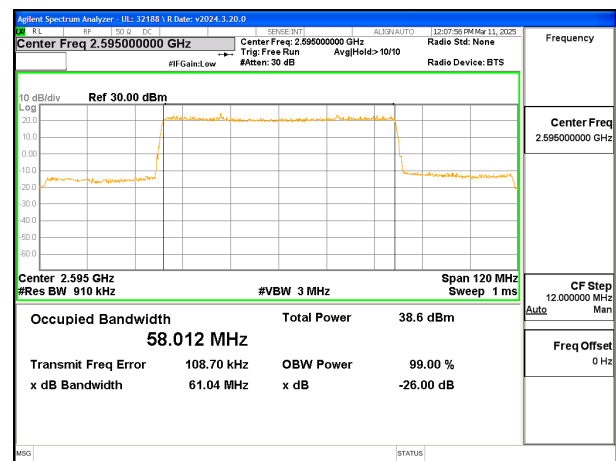
5G NR n41 40MHz BPSK Middle Channel RB100-0



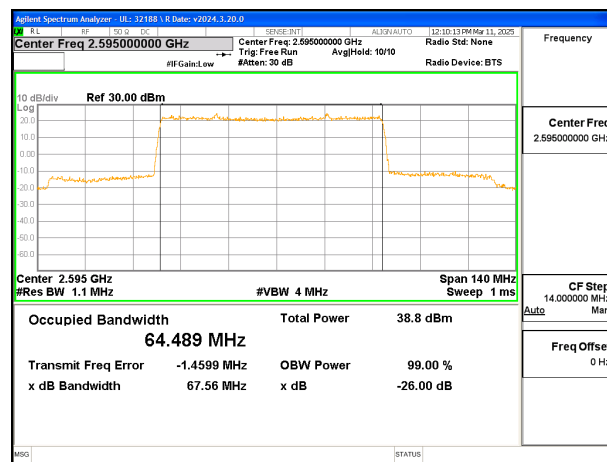
5G NR n41 45MHz BPSK Middle Channel RB108-0



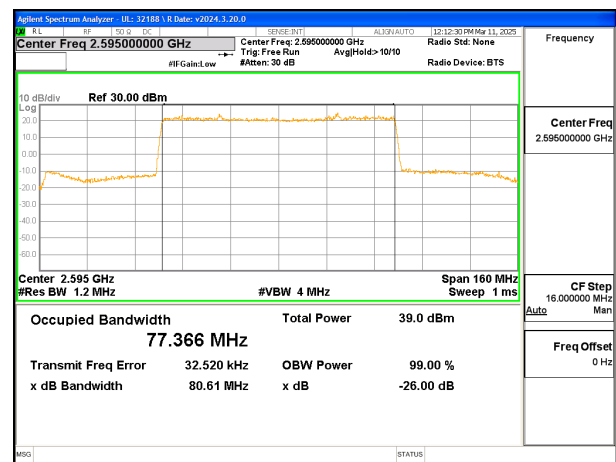
5G NR n41 50MHz BPSK Middle Channel RB128-0



5G NR n41 60MHz BPSK Middle Channel RB162-0



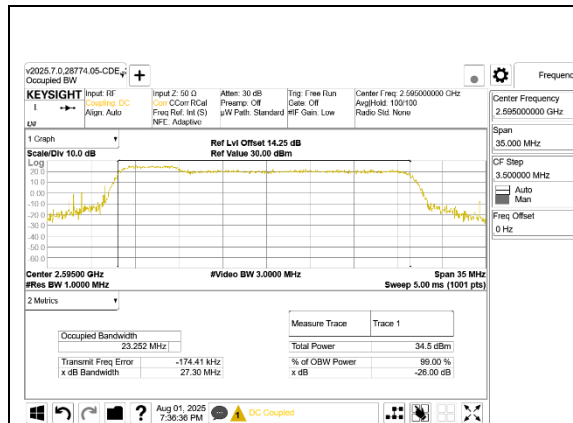
5G NR n41 70MHz BPSK Middle Channel RB180-0



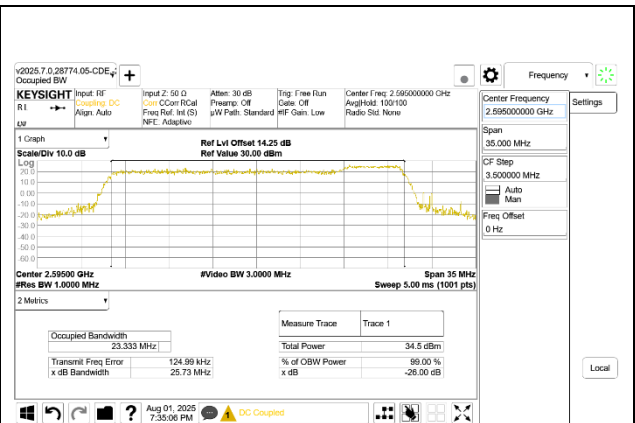
5G NR n41 80MHz BPSK Middle Channel RB216-0



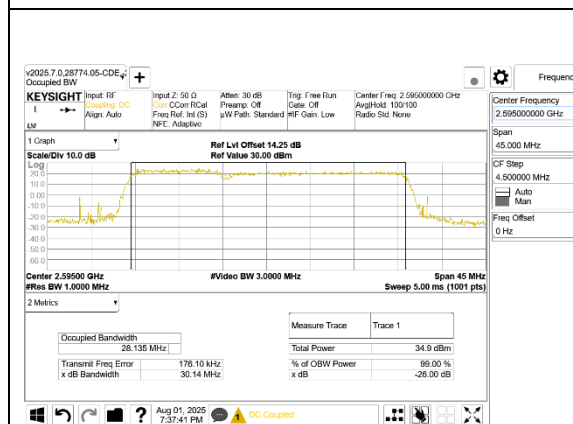
9.1.9. ULCA LTE BAND 41 (IC)



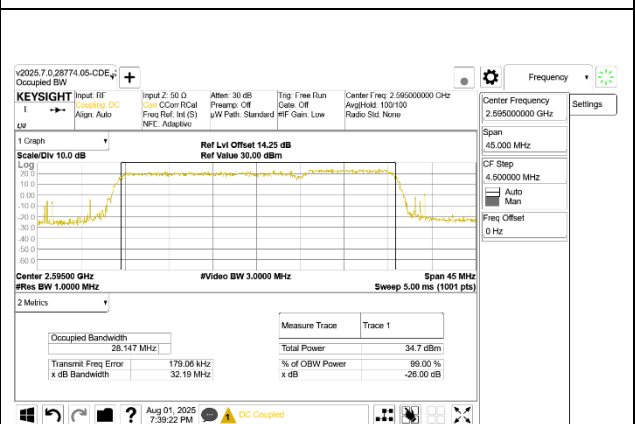
ULCA LTE B41 5MHz + 20MHz QPSK RB25-0 + RB100-0



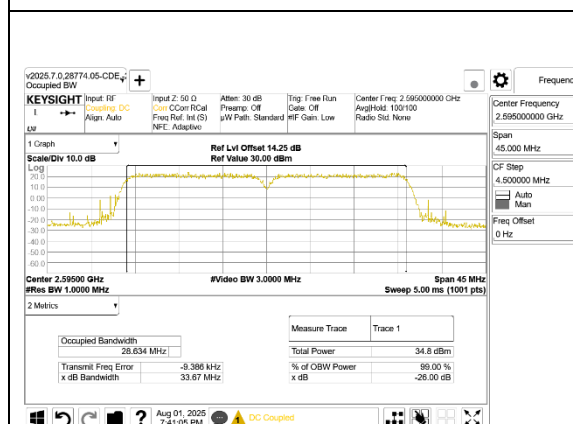
ULCA LTE B41 20MHz + 5MHz QPSK RB100-0 + RB25-0



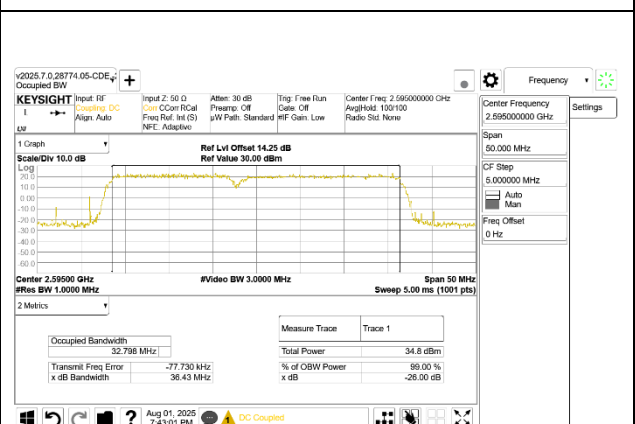
ULCA LTE B41 10MHz + 20MHz QPSK RB50-0 + RB100-0



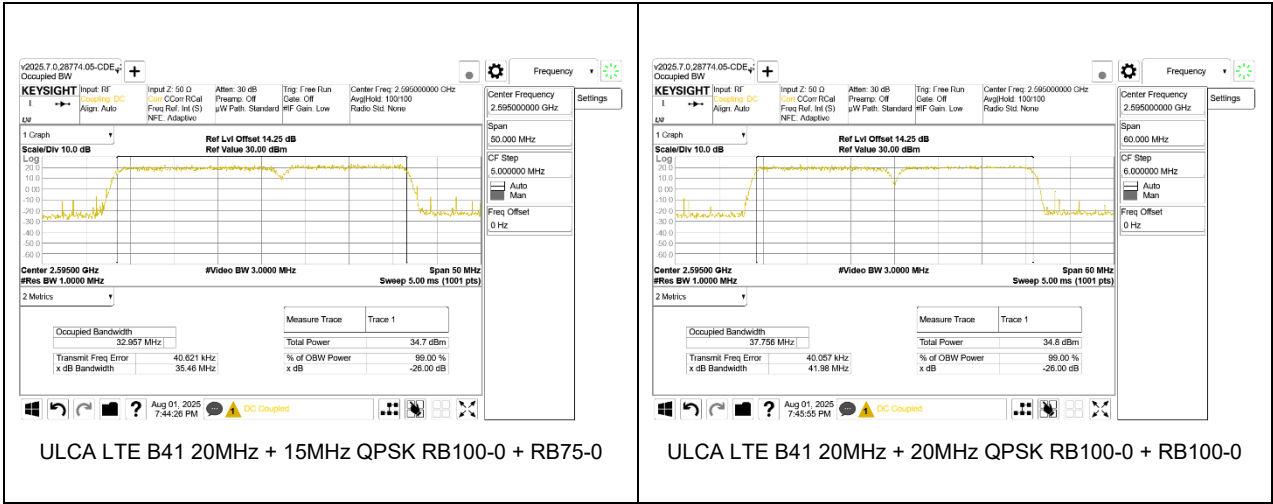
ULCA LTE B41 20MHz + 10MHz QPSK RB100-0 + RB50-0



ULCA LTE B41 15MHz + 15MHz QPSK RB75-0 + RB75-0



ULCA LTE B41 15MHz + 20MHz QPSK RB75-0 + RB100-0



9.2. EMISSION MASK AND ADJACENT CHANNEL POWER

LIMITS

FCC: §27.53

(m)(4) For mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log (P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log (P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log (P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than $43 + 10 \log (P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log (P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

ISED: RSS199§5.6

For all equipment, the TRP or total conducted power (sum of conducted power across all antenna connectors), where applicable, of the unwanted emissions outside the frequency block or frequency block group shall not exceed the limits shown in the tables below.

Table 5: Unwanted emission limits for subscriber equipment other than fixed subscriber equipment	
Offset from the edge of the frequency block or frequency block group (MHz)	Unwanted emission limits
0-1	-10 dBm/(2% of OB*)
1-5	-10 dBm/MHz
5-X**	-13 dBm/MHz
≥ X	-25 dBm/MHz

*OB is the occupied bandwidth

** X is 6 MHz or the equipment occupied bandwidth, whichever is greater.

In addition to complying with the limits in table 5, subscriber equipment other than fixed subscriber equipment shall not exceed -13 dBm/MHz on all frequencies between 2490.5 MHz and 2496 MHz, and -25 dBm/MHz at or below 2490.5 MHz

TEST PROCEDURE

For Spectrum Emission Mask plots, the spectrum analyzer is configured to sweep with a moving integration window, the width of which can be adjusted to different sizes across the sweep. The window width is configured to be greater than or equal to the required reference bandwidth. The center frequencies of the integration window for the different integration windows was set such that the upper and lower edges of the windows are aligned with the transition points in the reference bandwidths. This is achieved by setting the start / stop frequencies of the window with an offset equal to the reference bandwidth / 2 from the transition point.

The transmitter output was connected to a base station simulator and configured to operate at maximum power. The band edge emissions were measured at the required operating frequencies in each band on the Spectrum Analyzer.

For each band edge measurement:

1. Set the spectrum analyzer span to include the block edge frequency.
2. Set a marker to point the corresponding band edge frequency in each test case.
3. Set display line at -X dBm
4. Set resolution bandwidth to at least 1% of emission bandwidth.

TEST PROCEDURE FOR FCC PART 27

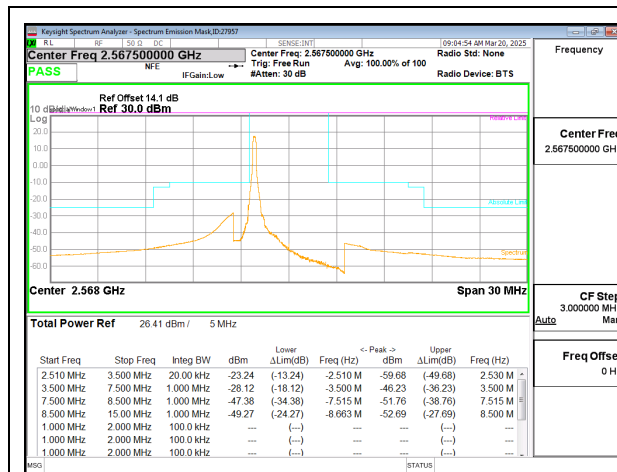
(m)(6) Measurement procedure. Compliance with these rules is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed; for mobile digital stations, in the 1 megahertz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least two percent may be employed, except when the 1 megahertz band is 2495-2496 MHz, in which case a resolution bandwidth of at least one percent may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e. 1 megahertz or 1 percent of emission bandwidth, as specified; or 1 megahertz or 2 percent for mobile digital stations, except in the band 2495-2496 MHz). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power. With respect to television operations, measurements must be made of the separate visual and aural operating powers at sufficiently frequent intervals to ensure compliance with the rules.

TEST PROCEDURE FOR RSS-199

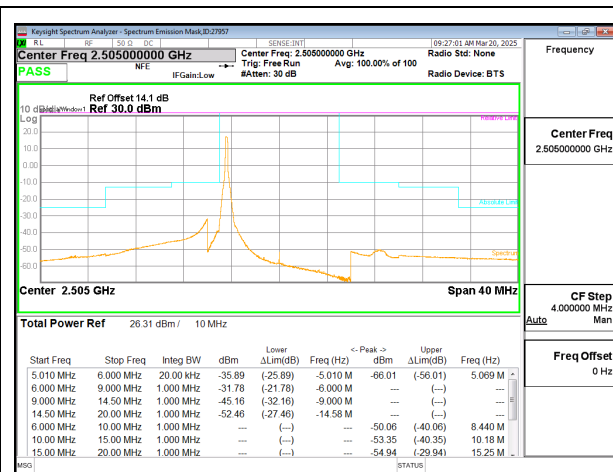
In the 1 MHz band immediately outside and adjacent to the frequency block group, the power shall be measured with a resolution bandwidth of at least 1% of the occupied bandwidth for fixed stations, base stations, and fixed subscriber equipment, and 2% for subscriber equipment other than fixed subscriber equipment. Beyond this 1 MHz band, a resolution bandwidth of 1 MHz shall be used. A narrower resolution bandwidth can be used, provided that the measured power is integrated over the full required measurement bandwidth of 1 MHz, or 1% or 2% of the occupied bandwidth, as applicable.

For MIMO modes are made using the measure and sum the spectra method E3)a)ii) / E)2)a) from KDB 662911 D01. The measurements for each antenna are stored in separate traces (i.e. trace 1 and trace 2). The spectrum analyzer's math function is used to perform a linear sum of powers of the two traces and store the result in trace 3. Trace 3 is compared to the in-band or out of band limit as applicable.

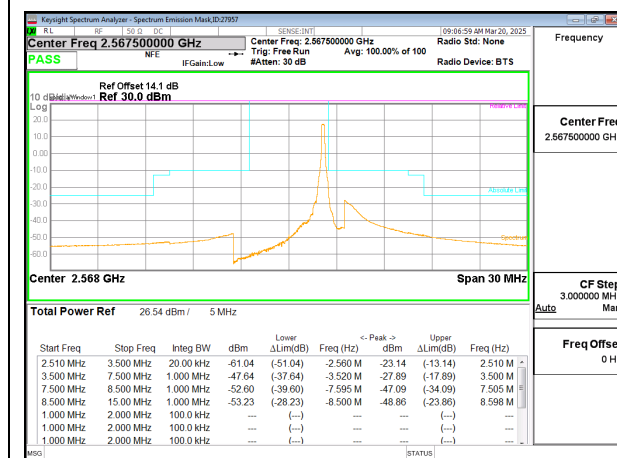
RESULTS



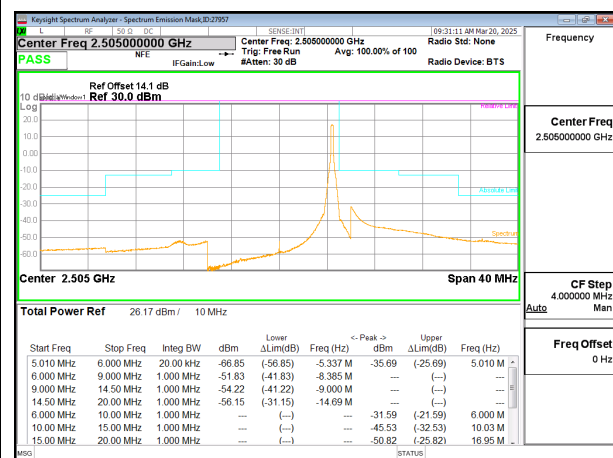
LTE B7 5MHz QPSK High Channel RB1-0



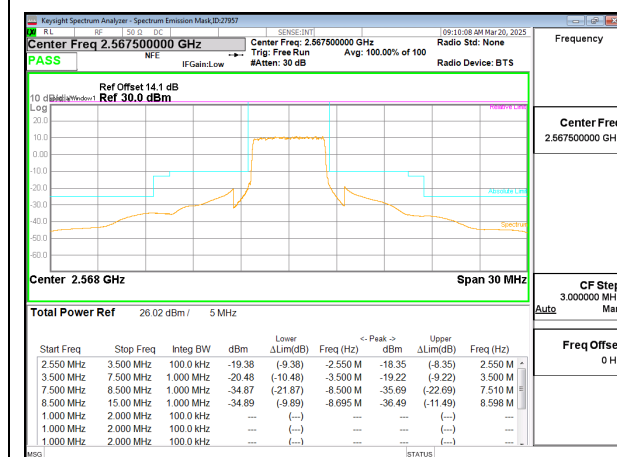
LTE B7 10MHz QPSK Low Channel RB1-0



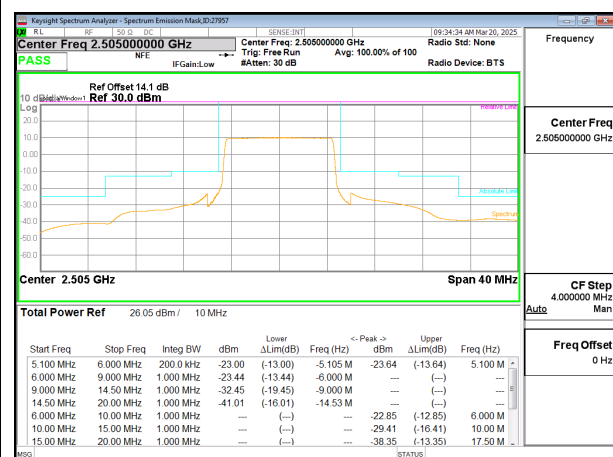
LTE B7 5MHz QPSK High Channel RB1-24



LTE B7 10MHz QPSK Low Channel RB1-49



LTE B7 5MHz QPSK High Channel RB25-0



LTE B7 10MHz QPSK Low Channel RB50-0